OFFICIAL COPY.

# WEEKLY RETURN

OF

# BIRTHS AND DEATHS IN LONDON

AND IN

# THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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No. 1. 1898. VOL. LIX.] WEEK ENDING SATURDAY, JAN. 8. [Price 1½*d.*

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*January 10th*, 1898.

## THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 21·4 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000 :—

| TOWNS. | Weeks ending | | | | TOWNS. | Weeks ending | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Dec. 18. | Dec. 25. | Jan. 1. | Jan. 8. | | Dec. 18. | Dec. 25. | Jan. 1. | Jan. 8. |
| 33 Great Towns | 20·7 | 17·7 | 24·9 | 21·4 | Leicester - - | 20·7 | 15·4 | 24·1 | 17·5 |
| Birkenhead - | 15·9 | 18·7 | 14·1 | 17·5 | Liverpool - - | 23·8 | 17·7 | 27·1 | 22·4 |
| Birmingham - | 24·0 | 17·1 | 24·8 | 23·7 | London - - - | 21·0 | 18·2 | 27·6 | 23·0 |
| Blackburn - | 26·2 | 25·8 | 30·6 | 25·0 | Manchester - - | 19·6 | 19·8 | 22·9 | 22·7 |
| Bolton - - | 18·5 | 15·9 | 25·3 | 20·4 | Newcastle-on-Tyne | 18·2 | 16·3 | 21·1 | 18·0 |
| Bradford - | 20·3 | 17·8 | 24·1 | 19·0 | Norwich - - | 27·9 | 18·9 | 37·4 | 27·5 |
| Brighton - | 16·8 | 10·7 | 19·3 | 16·6 | Nottingham - - | 16·6 | 19·9 | 24·0 | 19·2 |
| Bristol - | 21·6 | 17·3 | 24·9 | 17·9 | Oldham - - | 20·4 | 11·8 | 21·1 | 15·8 |
| Burnley - | 18·7 | 17·2 | 24·6 | 21·4 | Plymouth - - | 18·7 | 15·5 | 17·1 | 26·8 |
| Cardiff - - | 14·4 | 16·9 | 18·1 | 12·6 | Portsmouth - - | 14·6 | 14·9 | 20·0 | 16·5 |
| Croydon - | 14·2 | 9·0 | 16·4 | 18·4 | Preston - - | 22·2 | 19·9 | 27·2 | 21·1 |
| Derby - - | 17·2 | 13·6 | 19·7 | 23·4 | Salford - - - | 21·0 | 18·1 | 22·0 | 24·4 |
| Gateshead - | 21·2 | 13·9 | 15·5 | 23·6 | Sheffield - - | 22·8 | 19·9 | 22·4 | 18·9 |
| Halifax - | 19·6 | 17·4 | 32·7 | 18·9 | Sunderland - - | 25·3 | 17·2 | 19·1 | 18·8 |
| Huddersfield- | 17·5 | 18·5 | 24·7 | 23·9 | Swansea - - | 20·3 | 26·5 | 20·3 | 21·5 |
| Hull - - | 20·2 | 15·3 | 19·2 | 17·5 | West Ham - - | 14·1 | 16·2 | 14·7 | 17·8 |
| Leeds - - | 23·0 | 17·7 | 27·6 | 20·9 | Wolverhampton - | 18·5 | 14·3 | 23·9 | 18·4 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were :—from *measles*, 1·0 in Burnley, 1·2 in Bristol, 1·4 in Oldham, 1·5 in London, 1·6 in Halifax, 2·1 in Croydon, 2·5 in Derby, 3·6 in Swansea, and 4·3 in Blackburn ; from *scarlet fever*, 1·2 in Wolverhampton ; from *whooping-cough*, 1·0 in Leeds, 1·5 in Birmingham, and 2·3 in Norwich ; from "*fever*," 1·6 in Blackburn and 1·8 in Preston ; and from *diarrhœa*, 1·3 in Preston. The 74 deaths from *diphtheria* included 50 in London, 3 in West Ham, and 3 in Leicester. No death from *small-pox* was registered in any of the thirty-three towns.

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

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## London.

In London* 3001 births and 1990 deaths were registered. Allowing for increase of population, the births were 56 above, and the deaths 168 below, the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 21·0, 18·2, and 27·6 in the preceding three weeks, fell again last week to 23·0. During the four weeks ending on Saturday last the death-rate averaged 22·5 per 1000, being 0·3 per 1000 below the mean rate in the corresponding periods of the ten years 1888–97.

The 1990 deaths included 129 from measles, 19 from scarlet fever, 50 from diphtheria, 66 from whooping-cough, 10 from enteric fever, 10 from diarrhœa and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 284 deaths were referred to these diseases, being 51 above the corrected average weekly number.

The deaths from *measles*, which had been 134, 112, and 166 in the preceding three weeks, fell again last week to 129, but were 65 above the corrected average; 12 cases belonged to Shoreditch, 9 to Battersea, 9 to Camberwell, 8 to Bermondsey, 8 to St. Pancras, 8 to Poplar, 6 to Fulham, 6 to Hackney, and 6 to Newington sanitary areas. The deaths from *scarlet fever*, which had been 19, 9, and 11 in the preceding three weeks, further rose last week to 19, but were 5 below the corrected average; 4 cases belonged to Battersea, and 2 to Newington sanitary areas. The deaths from *diphtheria*, which had been 64, 56, and 53 in the preceding three weeks, further fell last week to 50, but were 3 above the corrected average; 6 cases belonged to Islington, 4 to Paddington, 4 to Hackney, 3 to Bethnal Green, 3 to St. George, Southwark, and 3 to Newington sanitary areas. The deaths from *whooping-cough*, which had been 45, 57, and 76 in the preceding three weeks, fell again last week to 66, and were 6 below the corrected average; 8 cases belonged to Shoreditch, 7 to Hackney, 6 to Poplar, 5 to Islington, and 5 to Camberwell sanitary areas. The fatal cases of *enteric fever*, which had been 23, 5, and 14 in the preceding three weeks, fell again last week to 10, and were 3 below the corrected average. The deaths from *diarrhœa*, which had been 11, 6, and 13 in the preceding three weeks, fell again last week to 10, and were 3 below the corrected average. The deaths referred to diseases of the respiratory organs, which had been 457, 353, and 701 in the preceding three weeks, fell again last week to 533, and were 139 below the corrected average. The deaths attributed directly to *influenza* numbered 43, having been 17, 15, and 29 in the preceding three weeks.

Different forms of violence caused 79 deaths, concerning all but 2 of which inquests were held. Of these 79 deaths, 7 were cases of suicide, and 1 of homicide, while the remaining 71 were attributed to accident or negligence. Six of these were referred to vehicles in the streets, 5 to conflagrations, and 17 (of infants under one year of age), to suffocation in bed.

## Cases of Infectious Sickness in Hospitals.†

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 3450 cases of scarlet fever, 1062 of diphtheria, and 111 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 239 cases, against 260, 222, and 273; of diphtheria, 134 cases, against 166, 143, and 142; and of enteric fever, 20 cases, against 19, 11, and 16.

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* Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

† The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found, after sojourn in the Hospital to have been erroneous.

## Deaths of Persons belonging to London and its Sanitary Areas, Registered in the 13 weeks ending 1st January, 1898.

| Sanitary Areas. | Total Deaths from all Causes | Deaths from Principal Zymotic Diseases. | | | | | | | | | Deaths from Phthisis. | Deaths of Infants under 1 Year of Age. | Deaths under 1 Year to 1000 Births registered. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping cough. | Typhus. | Enteric Fever. | Simple and undefined Fever. | Diarrhœa. | | | |
| REGISTRATION LONDON | 21,142 | - | 1,165 | 248 | 700 | 454 | 1 | 225 | 1 | 216 | 2,033 | 4,961 | 151 |
| **West.** | | | | | | | | | | | | | |
| Paddington | 460 | - | 1 | 4 | 14 | 3 | - | 3 | - | 4 | 33 | 109 | 148 |
| Kensington | 755 | - | 29 | 18 | 32 | 6 | - | 7 | - | 13 | 68 | 157 | 185 |
| Hammersmith | 445 | - | 3 | 3 | 4 | 1 | - | 5 | 1 | 5 | 39 | 116 | 156 |
| Fulham | 588 | - | 50 | 10 | 26 | 10 | - | 4 | - | 6 | 58 | 147 | 145 |
| Chelsea | 444 | - | 15 | 5 | 15 | 6 | - | 6 | - | 7 | 50 | 85 | 133 |
| St. George Hanover Square | 285 | - | 13 | 1 | 7 | 6 | - | 4 | - | 2 | 23 | 50 | 165 |
| St. Margt & St. John Westr. | 283 | - | 20 | 2 | 11 | 8 | - | 5 | - | 2 | 32 | 57 | 206 |
| St. James Westminster | 118 | - | 13 | 5 | - | 1 | - | 1 | - | 1 | 13 | 18 | 142 |
| **North.** | | | | | | | | | | | | | |
| St. Marylebone | 640 | - | 6 | 3 | 14 | 13 | - | 4 | - | 8 | 47 | 132 | 129 |
| Hampstead | 255 | - | 4 | - | 4 | 8 | - | 1 | - | 2 | 14 | 45 | 123 |
| St. Pancras | 1,202 | - | 53 | 5 | 45 | 15 | - | 16 | - | 11 | 127 | 275 | 159 |
| Islington | 1,560 | - | 73 | 19 | 39 | 37 | - | 18 | - | 11 | 130 | 382 | 157 |
| Stoke Newington | 137 | - | 2 | 1 | 6 | 3 | - | 3 | - | - | 12 | 24 | 129 |
| Hackney | 1,033 | - | 80 | 12 | 50 | 49 | - | 15 | - | 6 | 79 | 226 | 143 |
| **Central.** | | | | | | | | | | | | | |
| St. Giles | 172 | - | 8 | 1 | 2 | 1 | - | 2 | - | 2 | 31 | 26 | 111 |
| St. Martin-in-the-Fields | 35 | - | 1 | 1 | 2 | - | - | - | - | - | 3 | 5 | 94 |
| Strand | 143 | - | 8 | 1 | - | - | - | 1 | - | - | 27 | 18 | 132 |
| Holborn | 181 | - | 4 | 1 | 2 | 2 | - | 2 | - | 1 | 20 | 30 | 149 |
| Clerkenwell | 396 | - | 16 | 6 | 20 | 14 | - | 4 | - | 8 | 41 | 90 | 180 |
| St. Luke | 285 | - | 9 | 5 | 6 | 11 | - | 2 | - | 4 | 35 | 67 | 133 |
| City of London | 154 | - | 1 | 2 | 6 | 1 | - | 5 | - | 1 | 13 | 14 | 106 |
| **East.** | | | | | | | | | | | | | |
| Shoreditch | 785 | - | 76 | 8 | 20 | 26 | - | 6 | - | 8 | 66 | 216 | 195 |
| Bethnal Green | 813 | - | 36 | 8 | 26 | 33 | 1 | 4 | - | 7 | 93 | 224 | 194 |
| Whitechapel | 442 | - | 14 | 2 | 4 | 8 | - | 4 | - | 5 | 58 | 108 | 152 |
| St. George-in-the-East | 323 | - | 39 | 5 | 6 | 8 | - | 8 | - | 2 | 39 | 77 | 167 |
| Limehouse | 353 | - | 14 | 6 | 7 | 15 | - | 1 | - | 2 | 33 | 89 | 170 |
| Mile End Old Town | 571 | - | 43 | 3 | 13 | 26 | - | 11 | - | 4 | 51 | 168 | 157 |
| Poplar | 882 | - | 52 | 12 | 44 | 33 | - | 15 | - | 17 | 87 | 240 | 164 |
| **South.** | | | | | | | | | | | | | |
| St. Saviour | 176 | - | 26 | 3 | 6 | 1 | - | - | - | - | 19 | 33 | 156 |
| St. George-the-Mar. Southwk. | 391 | - | 49 | 6 | 8 | 2 | - | 3 | - | 5 | 38 | 107 | 203 |
| Newington | 677 | - | 66 | 10 | 22 | 2 | - | 2 | - | 4 | 71 | 177 | 165 |
| St. Olave | 80 | - | 6 | 2 | 1 | 4 | - | - | - | 2 | 11 | 20 | 179 |
| Bermondsey | 540 | - | 58 | 13 | 9 | 10 | - | 6 | - | 8 | 36 | 162 | 204 |
| Rotherhithe | 174 | - | - | 7 | 4 | 2 | - | 2 | - | 1 | 13 | 42 | 145 |
| Lambeth | 1,259 | - | 89 | 7 | 48 | 19 | - | 6 | - | 17 | 135 | 253 | 108 |
| Battersea | 755 | - | 66 | 15 | 39 | 16 | - | 9 | - | 9 | 77 | 200 | 152 |
| Wandsworth | 636 | - | 6 | 4 | 33 | 10 | - | 6 | - | 8 | 54 | 137 | 111 |
| Camberwell | 1,185 | - | 94 | 12 | 43 | 18 | - | 16 | - | 9 | 114 | 275 | 151 |
| Greenwich | 754 | - | 11 | 13 | 17 | 17 | - | 9 | - | 7 | 70 | 196 | 143 |
| Lee | 115 | - | - | 1 | 4 | - | - | 2 | - | 2 | 9 | 19 | 93 |
| Lewisham (excluding Penge) | 257 | - | 6 | 2 | 15 | 3 | - | 1 | - | 1 | 20 | 50 | 94 |
| Woolwich | 187 | - | 2 | 2 | 11 | 1 | - | 4 | - | 2 | 16 | 48 | 156 |
| Plumstead | 216 | - | 3 | 2 | 15 | 5 | - | 2 | - | 2 | 28 | 47 | 102 |

In the above Table all deaths of persons in, or on the way to, Hospitals and other Public Institutions, as well as those of persons under treatment in surgical homes, or dying by accident or otherwise in the streets, have been distributed, as far as practicable, to the sanitary areas in which the deceased had previously resided. The deaths of 379 London residents who died outside Registration London in the Islington Union Workhouse at Edmonton, the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, the City of London Lunatic Asylum at Stone, and the Metropolitan Hospitals and Asylums, have been similarly distributed. In 442 cases the previous residence was outside Registration London, and these have been excluded from the Table.

## Greater London.

In Greater London 4140 births and 2625 deaths were registered, corresponding to annual rates of 33·7 and 21·4 per 1000 of the estimated population. In the Outer Ring 32 deaths from measles, 1 from scarlet fever, 15 from diphtheria, 13 from whooping-cough, 3 from "fever," and 1 from diarrhœa were registered. Ten deaths from measles occurred in West Ham district, 7 in Croydon district, and 6 in Edmonton district; 5 deaths from diphtheria occurred in West Ham district, and 4 in Bexley sub-district.

## METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 29·86 inches, and that of the Thermometer 43°·4, the latter being 5°·1 above the week's average in the 50 years 1841–90. The direction of the wind was variable, the horizontal movement of the air being 25 per cent. below the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 11·1 hours; the measured rainfall amounted to 0·49 of an inch.

## RETURNS OF LONDON WATER COMPANIES.

The LONDON WATER COMPANIES have been good enough to furnish the following account of the number of services and the average daily amount of water supplied during the month of December 1897. The supply was in the ratio of 232 gallons to one service.

| COMPANIES. | Number of Services. | | Daily Supply of Water in Gallons. | |
|---|---|---|---|---|
| | DECEMBER, 1896. | DECEMBER, 1897. | DECEMBER, 1896. | DECEMBER, 1897. |
| TOTAL SUPPLY - - - | 837,879 | 852,536 | 186,343,221 | 197,995,432 |
| From Thames - - - - - - - | 404,334 | 410,682 | 99,662,488 | 103,648,376 |
| From Lea and from other Sources - | 433,545 | 441,854 | 86,680,733 | 94,347,056 |
| THAMES. | | | | |
| Chelsea - - - - - - - | 37,331 | 37,776 | 11,104,564 | 11,629,195 |
| West Middlesex - - - - - | 80,697 | 81,825 | 18,695,463 | 20,169,796 |
| Southwark and Vauxhall - - | 119,948 | 121,136 | 31,996,895 | 31,068,207 |
| Grand Junction - - - - - | 60,910 | 61,859 | 17,601,602 | 18,634,707 |
| Lambeth - - - - - - - | 105,448 | 108,086 | 20,263,964 | 22,146,471 |
| LEA AND OTHER SOURCES. | | | | |
| New River - - - - - - - | 161,213 | 163,200 | 32,241,000 | 34,773,395 |
| East London - - - - - - | 188,001 | 192,264 | 39,686,571 | 43,374,542 |
| Kent - - - - - - - - | 84,331 | 86,390 | 14,753,162 | 16,199,119 |

*Note.*—The Return for December 1897, as compared with that for the corresponding month of 1896, shows an increase of 14,657 services and an increase of 11,652,211 gallons of water supplied daily.

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## ANALYSIS OF METROPOLITAN WATER SUPPLY DURING DECEMBER 1897.

*Water-analysis Laboratory, The Yews, Reigate,*
*3rd January* 1898.

SIR,

I HAVE to report to you the results of the chemical analysis, and of the physical and bacterioscopic examination, of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of December.

At the request of the Associated Metropolitan Water Companies I have extended these monthly examinations to (*a*) the bacterioscopic and chemical condition of the raw river waters at the intakes of the various Companies, and (*b*) to the bacteriology of the water as it issues from the filter beds of each Company, and before it is pumped into the distributing mains.

I append, also, the results obtained in the analyses of the waters supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Dr. Mills of Glasgow.

Taking the average amount of organic impurity in a given volume of Kent Company's water during the nine years ending December 1876, as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies, was:—Kent 0·4, New River 0·5, Colne Valley 1·0, Chelsea 1·6, East London (deep well) 1·9, West Middlesex and East London (river supply) 2·0, Grand Junction 2·5, Southwark 2·6, and Lambeth 2·9. The unfiltered waters contained the following proportions:—Thames at Hampton 4·7, New River Cut 2·0, and Lea at Angel Road 5·9.

The Thames at Hampton was, on December 13th, turbid and pale yellow in colour; it was of indifferent chemical and bad bacterial quality. The water supplied by the five Companies drawing from this river was, in every case, efficiently filtered and made of excellent chemical quality before delivery. With two exceptions, the water supplied was also of excellent bacterial quality, the percentage of microbes removed having been 99·6 and upwards, as is seen from the following percentage numbers:—Chelsea 99·82, West Middlesex 99·89, Southwark (No. 3 filter well) 98·50, (No. 8 filter well) 99·80, Grand Junction (general filter well at Hampton) 95·71, (general filter well at Kew) 99·78, (south filter well at Kew) 99·76, and Lambeth 99·68.

# *Analysis of Metropolitan Waters.*

## Results of Analysis expressed in Parts per 100,000.

| | Companies or Local Authorities. | Date and Place of Collection. | Temperature in Centigrade degrees. | Total Solid Matter. | Organic Carbon. | Organic Nitrogen. | Ammonia. | Nitrogen as Nitrates and Nitrites. | Total Combined Nitrogen. | Chlorine. | Total Hardness. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Inner Circle. | Thames. (Unfiltered water) - | December 13th, Southwark Company's intake at Hampton. | 4·5° | 32·24 | ·236 | ·041 | ·012 | ·240 | ·291 | 2·0 | 22·4 |
| | Chelsea - - - | December 16th Cab Rank, Horse Guards, Whitehall. | 6·4 | 29·36 | ·079 | ·013 | 0 | ·252 | ·265 | 1·8 | 21·5 |
| | West Middlesex - | December 16th, Cab Rank, Riding House-street. | 7·1 | 29·46 | ·104 | ·014 | 0 | ·258 | ·272 | 1·8 | 21·2 |
| | Southwark - - | December 16th, Cab Rank, St. George's Church, Borough. | 8·1 | 31·80 | ·133 | ·021 | 0 | ·270 | ·291 | 1·9 | 22·4 |
| | Grand Junction - | December 16th, Cab Rank, Portman-street, Oxford-street. | 6·8 | 31·38 | ·127 | ·023 | 0 | ·293 | ·316 | 1·9 | 21·8 |
| | Lambeth - - - | December 16th, Cab Rank, St. George's-road, Southwark. | 5·9 | 31·40 | ·145 | ·029 | 0 | ·281 | ·310 | 1·9 | 22·1 |
| | Lea. (Unfiltered water) - | December 15th, New River Cut, Green Lanes. | 7·2 | 34·04 | ·099 | ·017 | ·007 | ·293 | ·316 | 1·8 | 24·5 |
| | New River - - | December 16th, Cab Rank, Tottenham Court-road. | 6·7 | 31·78 | ·021 | ·009 | 0 | ·282 | ·291 | 1·7 | 23·0 |
| | (Unfiltered water) - | December 15th, East London Co.'s intake at Angel-road. | 6·1 | 41·08 | ·288 | ·058 | ·044 | ·390 | ·484 | 2·3 | 27·5 |
| | East London - - | December 16th, Cab rank, Sidney-street, E. | 6·2 | 36·88 | ·099 | ·017 | 0 | ·309 | ·326 | 2·1 | 25·1 |
| | Deep Wells. Kent - - - - | December 16th, Police Station, Blackheath-road. | 13·0 | 41·00 | ·017 | ·005 | 0 | ·456 | ·461 | 2·4 | 28·7 |
| Outer Circle. | Colne Valley - - | December 13th, Bushey. | — | 16·42 | ·045 | ·013 | ·062 | ·488 | ·552 | 2·1 | 6·0 |
| | East London - - | December 18th, Waltham Abbey Well. | — | 28·68 | ·106 | ·008 | ·014 | ·009 | ·029 | 2·2 | 19·1 |
| | Corporation of Birmingham* - - - - | December 9th, 19, Court, Grosvenor-street, West. | 6·1 | 33·2 | ·250 | ·050 | ·000 | ·250 | 300 | 2·2 | 23·5 |
| | Corporation of Glasgow† | December 15th, Loch Katrine water. | 6·2 | 3·24 | ·229 | ·023 | 0 | ·002 | ·025 | ·68 | 1·38 |
| | Column 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. |

* Analysed by Dr. Alfred Hill, F.I.C., Medical Officer of Health and Analyst to the City.
† Analysed by Dr. E. J. Mills, F.R.S., of the Glasgow and West of Scotland Technical College.

All the numbers contained in columns 4, 5, 6, 7, 8, 9, 10, and 11, relate to 100,000 parts of the waters. The table is to be read thus :—The Thames water collected on the 13th of December at the Southwark Company's intake at Hampton had a temperature of 4·5° C.; 100,000 lbs. of it contained 32·24 lbs. of solid matter; the organic substances, constituting a portion of this matter, contained ·236 lb. of carbon and ·041 lb. of nitrogen. The above quantity of water also contained ·012 lb. of ammonia and ·240 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was ·291 lb. The above weight of water also contained 2·0 lbs. of chlorine, and 22·4 lbs. of carbonate of lime, or an equivalent amount of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

The New River Cut, before entering the storage and subsidence reservoirs of the New River Company, was, on December 15th, turbid and very pale yellow in colour. It was of good chemical but bad bacterial quality. After efficient filtration, it was delivered to consumers of most excellent chemical and bacterial quality, being nearly equal to the best of the deep well waters in organic purity. The bacterial improvement is expressed by the following percentage numbers :—General filter well 99·59, No. 1 filter well 99·12, and No. 5 filter well 99·81.

The water drawn from the Lea at Angel Road by the East London Company was, on December 15th, turbid and yellow in colour. It was of bad chemical and very bad bacterial quality. After storage and efficient filtration, however, it was delivered in excellent chemical condition ; but although, in the worst sample, the number of microbes was only 0·55 per cent. of that contained in the raw water, this sample still considerably infringed the standard of 100 microbes per cubic centimetre. The bacterial improvement effected by this Company is expressed by the following percentage numbers :—No. 1 Essex filter well 99·45, No. 2 Essex filter well 99·96, and Middlesex well 99·76.

The deep well waters of the Kent and Colne Valley Companies were clear and bright without filtration, but that of the East London Company was slightly turbid. All these waters were of excellent chemical quality, and the Colne Valley Company's supply was softened before delivery, thus rendering it suitable for washing.

Seen through a stratum two feet deep, the New River, Kent, and Colne Valley waters were clear and colourless, the East London (deep well) slightly turbid and colourless, and the remaining waters clear and very pale yellow.

The bacterioscopic examination of the river waters, before and after storage, and of the waters delivered by the various Companies, and collected on the 13th, 14th, 15th, and 16th of December, yielded, after due incubation, the results contained in the following table :—

| Description. | Microbes per c.c. | Temp. C. |
|---|---|---|
| **Raw and Stored River Waters.** | | ° |
| River Thames at Hampton, December 13th | 18,000 | 4·5 |
| " " after storage for 12 days (Chelsea Company), December 13th | 2,820 | 5·0 |
| West Middlesex Company's water; mixture from old and new storage, December 14th | 1,980 | 5·2 |
| Grand Junction Company's water arriving at Kew from Hampton, December 14th | 2,980 | 5·9 |
| Grand Junction Company's water at Kew passing to filters, December 14th | 1,880 | 5·8 |
| Lambeth Company's water passing to filter 5, December 13th | 7,720 | 4·8 |
| New River Cut before passing through reservoirs, December 15th | 6,340 | 7·2 |
| " " " after " " " | 2,720 | 6·0 |
| River Lea at Angel Road, December 15th | 42,400 | 6·1 |
| " " after storage (East London Company), December 15th | 12,480 | 5·4 |
| **Filtered River Waters as supplied.** | | |
| **Thames.** | | |
| Chelsea Company's general filter well, December 13th | 32 | 4·6 |
| West Middlesex Company's general filter well, December 14th | 20 | 5·3 |
| Southwark Company's No. 3 filter well, December 13th | 270 | 4·5 |
| " " No. 8 " " " | 36 | 4·2 |
| Grand Junction Company's general filter well at Hampton, December 13th | 772 | 4·8 |
| " " " " " " Kew Bridge, December 14th | 40 | 5·9 |
| " " " south " " " " " " | 44 | 5·1 |
| Lambeth Company's general filter well, December 13th | 58 | 4·5 |
| **Lea.** | | |
| New River Company's general filter well, December 15th | 26 | 6·2 |
| " " " No. 1 " " " " | 56 | 5·9 |
| " " " No. 5 " " " " | 12 | 6·5 |
| East London Company's No. 1 Essex filter well, December 15th | 234 | 5·5 |
| " " " No. 2 " " " " | 16 | 5·9 |
| " " " Middlesex " " " | 100 | 5·8 |
| **Deep-well.** | | |
| Kent Company's "New" well at Deptford, December 16th | 5 | 11·3 |

Dr. Hill, F.I.C., Medical Officer of Health for Birmingham, reports that the water supplied to that City was "almost clear and pale green in a two-foot tube."

Dr. Mills, F.R.S., of the Glasgow and West of Scotland Technical College, reports that the water supplied to that City from Loch Katrine was "light brown in colour, and contained a little suspended matter. The solid matter and hardness are unusually high."

I am, &c.,

E. Frankland.

The Registrar General, &c., &c.

TABLE 2.—50 GREAT TOWNS: BIRTHS, DEATHS, and METEOROLOGY, during the week ending 8th January, 1898.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Registered during the Week ending 8th January 1898. Births. | Deaths. | The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Annual Rate per 1000, corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6–12. | Temperature of the Air. Highest. Fahrenheit. | Lowest. Fahrenheit. | Mean. Fahrenheit. | Mean. Centigrade. | Rainfall. In Inches. | In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| **33 Towns** | **11,218,378** | **7628** | **4612** | **966** | **1160** | **–** | **220** | **44** | **74** | **128** | **43** | **37** | **191** | **423** | **923** | **66** | **21·4** | **2·5** | **57·4** | **29·5** | **43·4** | **6·33** | **0·67** | **1·70** | **33 Towns.** |
| London | 4,504,766 | 3001 | 1990 | 344 | 1574 | – | 129 | 19 | 50 | 66 | 10 | 10 | 79 | 205 | 533 | 16 | 23·0 | 3·3 | 53·7 | 30·3 | 43·4 | 6·33 | 0·49 | 1·24 | London. |
| West Ham | 286,654 | 211 | 98 | 30 | 21 | – | 5 | 1 | 3 | 1 | – | – | 7 | 9 | 15 | 2 | 17·8 | 1·8 | – | – | – | – | – | – | West Ham. |
| Croydon | 124,421 | 64 | 44 | 6 | 18 | – | 5 | – | – | 2 | – | – | 2 | 8 | 11 | – | 18·4 | 2·9 | 55·0 | 29·5 | 43·6 | 6·44 | 0·47 | 1·19 | Croydon. |
| Brighton | 122,310 | 76 | 39 | 7 | 12 | – | 2 | – | – | 1 | 1 | – | 1 | 3 | 9 | – | 16·6 | 1·7 | 51·8 | 34·2 | 45·9 | 7·72 | 0·37 | 0·94 | Brighton. |
| Portsmouth | 186,618 | 111 | 59 | 14 | 12 | – | – | 2 | 1 | – | – | 1 | – | 4 | 13 | 1 | 16·5 | 1·1 | – | – | – | – | – | – | Portsmouth. |
| Plymouth | 99,136 | 64 | 51 | 13 | 26 | – | – | – | – | – | – | – | – | 4 | 1 | – | 26·8 | – | – | – | – | – | – | – | Plymouth. |
| Bristol | 316,900 | 219 | 109 | 22 | 29 | – | 7 | 1 | 2 | 3 | 1 | 1 | 4 | 9 | 23 | – | 17·9 | 2·5 | 53·0 | 31·0 | 42·7 | 5·94 | 0·53 | 1·35 | Bristol. |
| Cardiff | 177,770 | 133 | 43 | 11 | 4 | – | 2 | 1 | 1 | 1 | 1 | – | 2 | 4 | 5 | – | 12·6 | 1·8 | – | – | – | – | – | – | Cardiff. |
| Swansea | 102,001 | 62 | 42 | 16 | 6 | – | 7 | – | – | – | – | – | 2 | 4 | 5 | – | 21·5 | 3·6 | – | – | – | – | – | – | Swansea. |
| Wolverhampton | 88,051 | 71 | 31 | 7 | 4 | – | – | 2 | 2 | – | – | – | 1 | 1 | 5 | – | 18·4 | 2·4 | 52·0 | 30·2 | 40·6 | 4·78 | 0·83 | 2·11 | Wolverhampton. |
| Birmingham | 510,343 | 375 | 232 | 65 | 49 | – | 8 | 1 | 2 | 15 | 1 | 1 | 7 | 13 | 29 | 11 | 23·7 | 2·9 | – | – | – | – | – | – | Birmingham. |
| Norwich | 111,699 | 89 | 59 | 21 | 23 | – | – | 1 | – | 5 | – | – | – | 5 | 5 | – | 27·5 | 2·8 | 56·0 | 30·4 | 42·9 | 6·06 | 0·74 | 1·88 | Norwich. |
| Leicester | 208,662 | 140 | 70 | 27 | 13 | – | 1 | 1 | 3 | – | 1 | – | 3 | 9 | 8 | 3 | 17·5 | 1·5 | – | – | – | – | – | – | Leicester. |
| Nottingham | 236,137 | 151 | 87 | 22 | 29 | – | 1 | 1 | – | 1 | – | 3 | – | 1 | 8 | – | 19·2 | 1·3 | 52·8 | 31·8 | 42·2 | 5·67 | 0·65 | 1·65 | Nottingham. |
| Derby | 104,834 | 56 | 47 | 7 | 16 | – | 5 | – | 1 | – | 2 | – | 1 | 3 | 16 | – | 23·4 | 4·0 | – | – | – | – | – | – | Derby. |
| Birkenhead | 113,189 | 69 | 38 | 7 | 7 | – | – | – | 1 | – | 1 | – | 2 | 4 | 8 | 1 | 17·5 | 0·9 | – | – | – | – | – | – | Birkenhead. |
| Liverpool | 633,645 | 476 | 272 | 62 | 54 | – | 2 | 3 | – | 8 | 4 | 3 | 23 | 32 | 63 | 9 | 22·4 | 1·6 | 52·7 | 34·7 | 43·9 | 6·61 | 1·14 | 2·90 | Liverpool. |
| Bolton | 122,495 | 65 | 48 | 9 | 19 | – | – | 1 | – | 1 | 1 | 2 | 2 | 6 | 4 | – | 20·4 | 2·1 | – | – | – | – | – | – | Bolton. |
| Manchester | 539,079 | 400 | 235 | 51 | 47 | – | 2 | 3 | – | 5 | 3 | 5 | 4 | 16 | 52 | 2 | 22·7 | 1·7 | – | – | – | – | – | – | Manchester. |
| Salford | 215,702 | 151 | 101 | 22 | 14 | – | 1 | 2 | 2 | 1 | 1 | 2 | 4 | 6 | 16 | 2 | 24·4 | 2·2 | – | – | – | – | – | – | Salford. |
| Oldham | 148,288 | 72 | 45 | 7 | 3 | – | 4 | – | – | 2 | 1 | – | 1 | 4 | 5 | – | 15·8 | 2·5 | – | – | – | – | – | – | Oldham. |
| Burnley | 109,546 | 75 | 45 | 16 | 8 | – | 2 | – | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 1 | 21·4 | 2·9 | – | – | – | – | – | – | Burnley. |
| Blackburn | 133,228 | 80 | 64 | 9 | 13 | – | 11 | 1 | – | – | 4 | 1 | 6 | 8 | 6 | 2 | 25·0 | 6·7 | – | – | – | – | – | – | Blackburn. |
| Preston | 116,356 | 82 | 47 | 13 | 9 | – | – | – | – | – | 4 | 3 | – | – | 6 | 1 | 21·1 | 3·1 | – | – | – | – | – | – | Preston. |
| Huddersfield | 102,454 | 57 | 47 | 10 | 15 | – | 1 | 1 | 1 | – | – | 1 | 1 | 3 | 5 | 2 | 23·9 | 2·0 | 51·0 | 34·5 | 43·0 | 6·11 | 0·85 | 2·16 | Huddersfield. |
| Halifax | 96,729 | 60 | 35 | 4 | 7 | – | 3 | – | 1 | – | – | 1 | 2 | 2 | 4 | – | 18·9 | 2·7 | – | – | – | – | – | – | Halifax. |
| Bradford | 233,737 | 132 | 85 | 12 | 26 | – | 2 | – | 1 | 2 | – | – | 3 | 7 | 9 | 1 | 19·0 | 1·1 | 57·4 | 36·6 | 46·8 | 8·22 | 0·66 | 1·68 | Bradford. |
| Leeds | 416,618 | 301 | 167 | 36 | 30 | – | 7 | – | 2 | 8 | 2 | 1 | 11 | 17 | 17 | – | 20·9 | 2·5 | – | – | – | – | – | – | Leeds. |
| Sheffield | 356,478 | 273 | 129 | 34 | 22 | – | 6 | 2 | – | 4 | 2 | 1 | 6 | 8 | 11 | 9 | 18·9 | 2·2 | – | – | – | – | – | – | Sheffield. |
| Hull | 229,887 | 156 | 77 | 25 | 14 | – | 4 | 1 | – | – | – | – | 10 | 11 | 7 | 3 | 17·5 | 1·1 | 52·0 | 32·0 | 42·3 | 5·72 | 0·59 | 1·50 | Hull. |
| Sunderland | 143,849 | 102 | 52 | 15 | 8 | – | 2 | – | – | – | – | – | 2 | 4 | 6 | – | 18·8 | 0·7 | – | – | – | – | – | – | Sunderland. |
| Gateshead | 103,775 | 99 | 47 | 10 | 8 | – | – | – | – | 1 | – | – | 2 | 2 | 2 | – | 23·6 | 0·5 | – | – | – | – | – | – | Gateshead. |
| Newcastle | 223,021 | 155 | 77 | 12 | 20 | – | 1 | – | – | – | 2 | – | 2 | 10 | 13 | – | 18·0 | 0·7 | – | – | – | – | – | – | Newcastle. |

* See note * on first page of this return.

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the FIRST Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2845 | 2855 | 2961 | 2817 | 2911 | 2577 | 2486 | 3085 | 2735 | 2717 | 2945·3 | 3001 |
| Males - - | 1484 | 1481 | 1516 | 1420 | 1479 | 1311 | 1306 | 1569 | 1425 | 1359 | 1510·1 | 1509 |
| Females - | 1361 | 1374 | 1445 | 1397 | 1432 | 1266 | 1180 | 1516 | 1310 | 1358 | 1435·2 | 1492 |
| TOTAL **Deaths** - | 1868 | 1784 | 2371 | 2505 | 2679 | 2509 | 2038 | 1462 | 1707 | 1580 | 2157·5 | 1990 |
| Males - - | 944 | 905 | 1202 | 1221 | 1248 | 1221 | 1001 | 751 | 899 | 803 | 1072·8 | 973 |
| Females - - | 924 | 879 | 1169 | 1284 | 1431 | 1288 | 1037 | 711 | 808 | 777 | 1084·7 | 1017 |

* The numbers in this column are the average weekly numbers in the first week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | Oct. 16. | Oct. 23. | Oct. 30. | Nov. 6. | Nov. 13. | Nov. 20. | Nov. 27. | Dec. 4. | Dec. 11. | Dec. 18. | Dec. 25. | Jan. 1. | Jan. 8. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** - - - | 2633 | 2610 | 2540 | 2748 | 2507 | 2780 | 2523 | 2459 | 2489 | 2623 | 2106 | 2363 | 3001 |
| TOTAL **Deaths** - - - | 1381 | 1442 | 1514 | 1585 | 1660 | 1617 | 1794 | 1725 | 1866 | 1796 | 1555 | 2360 | 1990 |
| Ages at Death: Under 1 year - - | 339 | 366 | 358 | 395 | 433 | 430 | 417 | 399 | 411 | 362 | 339 | 443 | 344 |
| 1—5 years - - | 177 | 189 | 239 | 286 | 291 | 264 | 343 | 303 | 353 | 313 | 277 | 456 | 362 |
| 5—20 " - - | 91 | 95 | 104 | 104 | 90 | 101 | 107 | 89 | 84 | 108 | 82 | 111 | 90 |
| 20—40 " - - | 192 | 178 | 200 | 204 | 181 | 184 | 210 | 190 | 202 | 198 | 187 | 267 | 231 |
| 40—60 " - - | 261 | 253 | 278 | 287 | 280 | 302 | 324 | 315 | 343 | 316 | 262 | 436 | 389 |
| 60—80 " - - | 263 | 291 | 273 | 264 | 321 | 283 | 320 | 341 | 373 | 410 | 321 | 544 | 472 |
| 80 years and upwards | 58 | 70 | 62 | 45 | 64 | 53 | 73 | 88 | 100 | 89 | 87 | 103 | 102 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox - - - - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Measles - - - - - | 41 | 48 | 58 | 74 | 78 | 86 | 120 | 108 | 122 | 134 | 112 | 166 | 129 |
| Scarlet Fever - - - | 18 | 16 | 22 | 20 | 20 | 27 | 27 | 21 | 18 | 19 | 9 | 11 | 19 |
| Diphtheria - - - - | 45 | 55 | 65 | 59 | 46 | 37 | 63 | 52 | 58 | 64 | 56 | 53 | 50 |
| Whooping-cough - - - | 18 | 28 | 17 | 19 | 25 | 29 | 35 | 38 | 46 | 45 | 57 | 76 | 66 |
| Typhus - - - - - | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| Enteric Fever - - - | 14 | 22 | 23 | 24 | 20 | 15 | 21 | 16 | 14 | 23 | 5 | 14 | 10 |
| Simple Continued Fever - | - | - | 1 | - | - | - | - | - | - | - | - | - | - |
| Diarrhœa and Dysentery .. | 31 | 22 | 16 | 20 | 21 | 8 | 13 | 15 | 12 | 11 | 6 | 13 | 10 |
| Cholera - - - - - | - | - | - | - | - | - | 1 | - | - | - | - | - | - |
| All the above Diseases - | 167 | 192 | 202 | 216 | 210 | 202 | 280 | 250 | 270 | 296 | 245 | 333 | 284 |
| Dis. of Respiratory System - | 268 | 279 | 326 | 363 | 419 | 414 | 471 | 418 | 468 | 457 | 353 | 700 | 533 |
| Phthisis - - - - - | 149 | 136 | 160 | 174 | 149 | 155 | 164 | 147 | 168 | 157 | 160 | 201 | 181 |
| Dis. of Circulatory System - | 115 | 131 | 121 | 110 | 138 | 131 | 152 | 164 | 151 | 151 | 131 | 167 | 186 |
| Violence - - - - - | 50 | 43 | 58 | 76 | 43 | 74 | 74 | 58 | 64 | 60 | 79 | 117 | 79 |
| Inquest Cases - - - - | 121 | 108 | 131 | 155 | 123 | 179 | 169 | 144 | 153 | 146 | 158 | 251 | 205 |
| Deaths in Public Institutions - | 433 | 431 | 465 | 474 | 468 | 435 | 500 | 461 | 532 | 513 | 413 | 603 | 533 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean - - - - - - | 51°·9 | 53°·7 | 49°·8 | 45°·7 | 48°·0 | 47°·5 | 43°·4 | 39°·0 | 41°·7 | 46°·2 | 35°·8 | 45°·1 | 43°·4 |
| Mean of Highest readings - | 58·3 | 61·0 | 59·0 | 50·7 | 52·0 | 53·4 | 48·0 | 44·0 | 47·5 | 50·8 | 40·3 | 48·7 | 48·9 |
| Mean of Lowest readings - | 45·6 | 47·8 | 41·7 | 41·8 | 42·7 | 41·5 | 38·2 | 32·7 | 36·4 | 40·1 | 30·0 | 40·7 | 37·1 |
| Humidity of the Air - - | 77 | 84 | 89 | 86 | 92 | 84 | 91 | 79 | 82 | 87 | 88 | 87 | 89 |
| Rain-fall (in inches) - - | 0·07 | 0·11 | 0·13 | 0·00 | 0·18 | 0·34 | 0·38 | 0·15 | 0·86 | 0·63 | 0·02 | 0·66 | 0·49 |
| Registered Sunshine (in hours) | 21·1 | 22·4 | 30·6 | 19·1 | 3·7 | 11·1 | 7·9 | 14·3 | 9·1 | 13·5 | 12·9 | 5·0 | 11·1 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox - - - - - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Scarlet Fever - - - - | 3725 | 3685 | 3682 | 3680 | 3777 | 3792 | 3818 | 3812 | 3806 | 3733 | 3619 | 3572 | 3450 |
| Diphtheria - - - - | 1045 | 1057 | 1043 | 1056 | 1066 | 1064 | 1052 | 1055 | 1110 | 1109 | 1086 | 1070 | 1062 |
| Enteric Fever - - - - | 176 | 180 | 175 | 166 | 160 | 163 | 155 | 155 | 151 | 138 | 129 | 116 | 111 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Boobbyer, Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FIRST Week of the Year 1898.

| CAUSES OF DEATH. | Corrected Averages for the 1st Week of the 10 years 1888-97*. | In the Week ending Saturday, 8th January 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| CAUSES - - - | 2157·5 | 1990 | 344 | 362 | 90 | 231 | 389 | 472 | 102 |
| all- { Vaccinated† - | – | – | – | – | – | – | – | – | – |
| ox { Unvaccinated | 0·1 | – | – | – | – | – | – | – | – |
| { No Statement | – | – | – | – | – | – | – | – | – |
| sles - - - - | 63·5 | 129 | 28 | 94 | 7 | – | – | – | – |
| let Fever - - - | 23·8 | 19 | – | 16 | 3 | – | – | – | – |
| hus - - - - | 0·1 | – | – | – | – | – | – | – | – |
| ipsing Fever - - | – | – | – | – | – | – | – | – | – |
| uenza - - - - | 24·0 | 43 | 1 | 4 | – | 6 | 8 | 22 | 2 |
| ooping-cough - - | 72·3 | 66 | 22 | 42 | 2 | – | – | – | – |
| ntheria - - - | 46·9 | 50 | – | 34 | 14 | 2 | – | – | – |
| ple Continued and -defined Fever - | 0·4 | – | – | – | – | – | – | – | – |
| eric Fever - - - | 13·4 | 10 | – | – | 4 | 6 | – | – | – |
| lera and Chol. Diarr. | 0·1 | – | – | – | – | – | – | – | – |
| rrhœa, Dysentery - | 12·6 | 10 | 4 | 3 | – | – | 1 | 2 | – |
| hittent Fever - - | – | – | – | – | – | – | – | – | – |
| rophobia - - - | 0·1 | – | – | – | – | – | – | – | – |
| nders - - - - | 0·1 | – | – | – | – | – | – | – | – |
| rpox and Effects of accination - - | – | – | – | – | – | – | – | – | – |
| ereal Affections - | 8·8 | 13 | 5 | 1 | – | 2 | 3 | 2 | – |
| sipelas - - - | 6·4 | – | – | – | – | – | – | – | – |
| emia and Septicæmia | 2·9 | – | – | – | – | – | – | – | – |
| rperal Fever - - | 6·3 | 3 | – | – | – | 3 | – | – | – |
| er Zymotic Diseases | 2·0 | 2 | 1 | 1 | – | – | – | – | – |
| ush - - - - | 0·6 | 1 | 1 | – | – | – | – | – | – |
| rms and other Parasitical Diseases - | 0·3 | – | – | – | – | – | – | – | – |
| vation, Want of reast-milk - - | 1·7 | 3 | 3 | – | – | – | – | – | – |
| pholism - - - | 13·4 | 32 | – | – | – | 10 | 18 | 4 | – |
| umatic Fever, Rheumatism of Heart | 10·1 | 9 | – | – | 3 | 2 | 3 | 1 | – |
| umatism - - - | 2·8 | 2 | – | – | – | – | – | 2 | – |
| t - - - - - | 3·5 | 4 | – | – | – | – | 1 | 2 | 1 |
| kets - - - - | 4·4 | 4 | 3 | 1 | – | – | – | – | – |
| cer - - - - | 66·1 | 72 | – | 1 | 1 | 10 | 30 | 27 | 3 |
| es Mesenterica - - | 20·4 | 5 | 4 | 1 | – | – | – | – | – |
| ercular Meningitis - | 21·4 | 24 | 6 | 13 | 5 | – | – | – | – |
| hisis - - - - | 189·6 | 181 | 4 | 1 | 12 | 85 | 60 | 19 | – |
| ofula, Tuberculosis - | 16·7 | 17 | 3 | 7 | 1 | 5 | 1 | – | – |
| er Constitutional iseases - - | 14·8 | 12 | – | – | 1 | 2 | 3 | 5 | 1 |
| mature Birth - - | 54·4 | 52 | 52 | – | – | – | – | – | – |
| lectasis - - - | 4·8 | 3 | 3 | – | – | – | – | – | – |
| genital Malformations - - - - | 9·0 | 12 | 10 | – | 2 | – | – | – | – |
| Age - - - - | 63·6 | 62 | – | – | – | – | – | 20 | 42 |
| oplexy - - - | 52·8 | 47 | – | 1 | – | 6 | 14 | 21 | 5 |
| lepsy - - - - | 6·4 | 10 | 1 | – | 1 | 4 | 4 | – | – |
| nvulsions - - - | 42·8 | 26 | 22 | 3 | 1 | – | – | – | – |
| er Diseases of Brain nd Nervous System | 96·9 | 81 | 6 | 11 | 1 | 5 | 25 | 29 | 4 |
| eases of Organs of pecial Sense - | 3·4 | 6 | 2 | 3 | – | 1 | – | – | – |

| CAUSES OF DEATH | Corrected Averages for the 1st Week of the 10 years 1888-97*. | In the Week ending Saturday, 8th January 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 187·4 | 186 | 4 | 1 | 11 | 21 | 63 | 81 | 5 |
| Croup - - - - | 8·9 | 1 | – | 1 | – | – | – | – | – |
| Bronchitis - - - | 431·4 | 341 | 46 | 36 | 3 | 8 | 66 | 152 | 30 |
| Pneumonia - - - | 170·8 | 149 | 32 | 60 | 3 | 7 | 23 | 22 | 2 |
| Pleurisy - - - - | 9·2 | 5 | 1 | 1 | – | 1 | 1 | 1 | – |
| Other Diseases of Respiratory System - | 52·1 | 37 | 6 | 5 | 2 | 2 | 11 | 9 | 2 |
| Dentition - - - - | 10·3 | 2 | 1 | 1 | – | – | – | – | – |
| Quinsy, Sore Throat - | 1·6 | 2 | – | 1 | 1 | – | – | – | – |
| Enteritis - - - - | 10·7 | 19 | 6 | 3 | 2 | 5 | 1 | 2 | – |
| Peritonitis - - - | 7·9 | 10 | – | 1 | – | 3 | 3 | 3 | – |
| Diseases of Liver - - | 24·0 | 20 | 1 | – | 1 | 4 | 5 | 9 | – |
| Other Diseases of Digestive System | 33·4 | 38 | 11 | 1 | – | 9 | 6 | 10 | 1 |
| Diseases of Lymphatic System & of Ductless Glands - - - | 1·5 | 3 | – | – | – | 1 | 2 | – | – |
| Diseases of Urinary System - - - | 50·7 | 40 | – | – | – | 4 | 15 | 18 | 3 |
| Diseases of Generative System - - - | 5·3 | 2 | – | – | – | 1 | 1 | – | – |
| Accidents of Childbirth - | 5·8 | 5 | – | – | – | 5 | – | – | – |
| Diseases of Locomotive System - - - | 7·3 | 3 | – | – | 2 | 1 | – | – | – |
| Diseases of Integumentary System - - | 5·9 | 6 | 3 | – | – | – | 1 | 2 | – |
| VIOLENT DEATHS‡ (ACCIDENT.) | | | | | | | | | |
| By Railways - - - | | 3 | – | – | 1 | 1 | – | 1 | – |
| By Vehicles or Horses - | | 6 | – | 2 | – | 1 | 1 | 1 | 1 |
| In Ships, Boats, Docks, (exclusive of Drowning) - - - | | – | – | – | – | – | – | – | – |
| In Building Operations - | | 1 | – | – | – | – | 1 | – | – |
| In Conflagrations - - | | 5 | 1 | 3 | – | – | – | 1 | – |
| By Burns, Scalds, Explosions - - | 74·0 | 12 | – | 5 | 6 | – | 1 | – | – |
| By Drowning - - - | | 5 | – | – | – | 2 | 3 | – | – |
| By Suffocation in Bed - | | 17 | 17 | – | – | – | – | – | – |
| By Poisons or Poisonous Vapours - - | | 2 | – | – | – | 1 | 1 | – | – |
| Other or not stated causes - - - | | 20 | 4 | 1 | – | 1 | 10 | 4 | – |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - | 1·7 | 1 | 1 | – | – | – | – | – | – |
| Suicide - - - - | 8·7 | 7 | – | – | – | 4 | 3 | – | – |
| Execution - - - | 0·2 | – | – | – | – | – | – | – | – |
| OTHER CAUSES - - | 65·0 | 32 | 29 | 3 | – | – | – | – | – |

The numbers in this column are the average weekly deaths for the ten years 1888-97, raised by 5·230 per cent. for increase population.

Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered edical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the use of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of cident, murder, manslaughter or suicide. All such cases are classed under "accident."

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 8th January, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 3001 | 1990 | 344 | 574 | - | 129 | 19 | 50 | 66 | - | 10 | - | 10 | 79 | 205 | 533 | 16 |
| WEST DISTRICTS - - - | 778,251 | 458 | 354 | 51 | 126 | - | 25 | 1 | 5 | 4 | - | 2 | - | - | 7 | 30 | 100 | - |
| NORTH DISTRICTS - - - | 1,040,694 | 672 | 466 | 67 | 147 | - | 26 | 4 | 20 | 18 | - | 3 | - | 4 | 16 | 54 | 124 | 2 |
| CENTRAL DISTRICTS - - - | 233,635 | 138 | 121 | 24 | 28 | - | 2 | - | 1 | 3 | - | 2 | - | 1 | 9 | 16 | 33 | - |
| EAST DISTRICTS - - - | 716,334 | 579 | 355 | 74 | 84 | - | 28 | - | 3 | 21 | - | - | - | 2 | 12 | 35 | 88 | - |
| SOUTH DISTRICTS - - - | 1,642,796 | 1154 | 652 | 128 | 177 | - | 48 | 11 | 21 | 20 | - | 3 | - | 3 | 34 | 69 | 146 | 14 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON * | -- | - | 42 | - | 12 | - | - | 3 | - | - | - | - | - | - | 1 | 1 | 42 | - |
| **WEST DISTRICTS.** | | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 51 | 42 | 11 | 15 | - | 3 | - | 3 | - | - | - | - | - | 1 | 2 | 6 | - |
| St. John Paddington *H* - - G. | 33,510 | 15 | 10 | - | 5 | - | - | - | - | - | - | - | - | - | - | - | 5 | - |
| Kensington Town *Ww* - - W. | 122,164 | 90 | 86 | 6 | 35 | - | 2 | - | - | 1 | - | 1 | - | - | 1 | 4 | 32 | - |
| Brompton *H* - - - W. & C. | 48,301 | 11 | 14 | 2 | 5 | - | - | - | - | - | - | - | - | - | 2 | 2 | 3 | - |
| St. Peter Hammersmith - - W. | 9,097 | 7 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Paul Hammersmith *HH* W. & G. | 35,102 | 55 | 25 | 1 | 13 | - | 2 | - | - | 1 | - | - | - | - | - | - | - | - |
| Fulham *Ww* - - - W. & C. | 113,781 | 95 | 47 | 14 | 9 | - | 7 | 1 | 2 | - | - | 1 | - | - | - | 3 | 12 | - |
| Chelsea Kensal Town - - C. | 21,450 | 20 | 10 | 3 | 3 | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - |
| Chelsea North *WHHHHH* - C. | 42,057 | 22 | 24 | 2 | 11 | - | 1 | - | - | - | - | - | - | - | - | 4 | 14 | - |
| Chelsea South *HH* - - C. | 33,139 | 23 | 18 | 1 | 6 | - | 2 | - | - | - | - | - | - | - | 1 | 2 | 3 | - |
| May Fair *W* - - - - G. | 23,827 | 5 | 12 | - | 7 | - | - | - | - | - | - | - | - | - | - | 1 | 10 | - |
| Belgrave *WHHH* - - - C. | 56,140 | 29 | 25 | 5 | 7 | - | 2 | - | - | - | - | - | - | - | 1 | 3 | 8 | - |
| St. John Westminster *HH* - C. | 31,492 | 18 | 10 | 2 | 3 | - | 2 | - | - | 2 | - | - | - | - | - | 1 | - | - |
| St. Margaret Westminster *H*- C. | 22,097 | 7 | 11 | 1 | 3 | - | 1 | - | - | - | - | - | - | - | - | 5 | 5 | - |
| St. James Westminster *WHH* N. & G. | 23,050 | 6 | 12 | 3 | 3 | - | 3 | - | - | - | - | - | - | - | - | 1 | 1 | - |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 4 | 4 | - | 1 | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - |
| **NORTH DISTRICTS.** | | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - - W. | 36,595 | 14 | 20 | 3 | 3 | - | - | - | - | - | - | - | - | - | 1 | 1 | 9 | - |
| Rectory Marylebone *W* G. & W. | 19,798 | 8 | 6 | - | 1 | - | 1 | - | - | - | - | - | - | - | 1 | 3 | - | - |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 30 | 10 | 4 | 2 | - | - | - | - | - | - | - | - | - | - | 1 | 3 | - |
| Christchurch Marylebone *H* - W. | 32,547 | 17 | 11 | 3 | 4 | - | - | - | - | 1 | - | - | - | - | - | 3 | - | - |
| St. John Marylebone *HHH* W. | 32,611 | 20 | 15 | 3 | 4 | - | 1 | - | - | - | - | - | - | - | 1 | 1 | - | 1 |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 37 | 42 | 3 | 11 | - | 5 | 2 | 8 | 2 | - | 1 | - | - | - | 5 | 17 | - |
| Regent's Park Pancras *HH* - W. | 37,341 | 21 | 10 | 2 | 4 | - | 1 | - | - | - | - | - | - | - | - | - | 2 | - |
| Tottenham-court *wHHH* - N. & W. | 26,757 | 19 | 15 | 4 | 3 | - | 2 | - | - | 1 | - | - | - | - | 1 | 2 | 4 | - |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 22 | 20 | 2 | 6 | - | 1 | - | - | - | - | - | - | - | 2 | 2 | 6 | - |
| Somers Town *HH* - - - N. | 32,161 | 18 | 14 | 2 | - | - | 2 | - | - | 2 | - | - | - | - | - | 1 | 3 | - |
| Camden Town *WH* - - N. | 16,669 | 15 | 20 | 1 | 13 | - | - | - | - | - | - | - | - | - | 3 | 4 | 16 | - |
| Kentish Town *WW* - - N. | 98,410 | 75 | 33 | 2 | 10 | - | 2 | - | - | - | - | - | - | - | 1 | 6 | 5 | - |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 65 | 59 | 4 | 23 | - | 1 | - | 1 | 1 | - | - | - | 2 | 1 | 5 | 35 | - |
| Islington South-west H - N. | 107,365 | 63 | 55 | 12 | 15 | - | 3 | 1 | - | 1 | - | - | - | 2 | 2 | 10 | 1 | - |
| Islington South-east - - N. | 66,549 | 49 | 16 | 1 | 4 | - | 1 | - | 1 | - | - | - | - | - | 1 | 2 | - | - |
| Highbury *HH* - - - N. | 64,577 | 41 | 20 | 7 | 4 | - | - | - | - | 3 | - | - | - | - | - | - | - | 1 |
| Stoke Newington *H* - - N. | 33,485 | 13 | 9 | 1 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| North Hackney - - E. & N. | 213,044 | 30 | 16 | 1 | 7 | - | - | - | 2 | 3 | - | - | - | - | - | 2 | - | - |
| Central Hackney *ww* - E. & N. | | 31 | 24 | 5 | 4 | - | 2 | 1 | 7 | 2 | - | 2 | - | - | - | - | 10 | - |
| South-west Hackney *HHH* E. & N. | | 38 | 26 | 1 | 10 | - | 4 | - | 1 | 1 | - | - | - | - | 1 | 4 | 3 | - |
| South-east Hackney *WwH* E.&N. | | 46 | 25 | 6 | 14 | - | - | - | - | 1 | - | - | - | - | 1 | 2 | 10 | - |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers are received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. The Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River; E. East London; and K. the Kent Company.

* See note * on second page of this Return.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 8th January, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population. 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **CENTRAL DISTRICTS.** | | | | | | | | | | | | | | | | | | |
| St. George Bloomsbury - - N. | 16,110 | 3 | 8 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| St. Giles South *WH* - - N. | 12,976 | 8 | 12 | 3 | 4 | - | - | - | - | - | - | - | - | 1 | 2 | 5 | 4 | - |
| St Giles North *H* - - - N. | 9,151 | 2 | 4 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Martin-in-the-Fields *HH* N. & C. | 13,077 | 4 | 5 | - | - | - | - | - | - | - | - | 1 | - | - | 1 | 1 | 3 | - |
| Strand *WHH* - - - - N. | 11,839 | 7 | 6 | - | 1 | - | - | - | - | - | - | 1 | - | - | - | 1 | 5 | - |
| *Strand Union Workhouse, Edmonton* | †1,037 | - | 4 | - | 3 | - | - | - | - | - | - | - | - | - | - | - | 4 | - |
| Holborn *wHHHHHHH* - N. | 31,042 | 20 | 23 | 6 | 3 | - | 1 | - | - | - | - | - | - | - | 1 | 2 | 10 | - |
| St. James Clerkenwell - - N. | 15,777 | 12 | 7 | 1 | 3 | - | - | - | 1 | 1 | - | - | - | - | - | 1 | - | - |
| Amwell Clerkenwell - - N. | 34,356 | 20 | 7 | 4 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Goswell-street - - - - N. | 16,069 | 10 | 8 | 1 | 1 | - | - | - | - | 2 | - | - | - | - | - | - | - | - |
| City-road *HHHL* - - - N. | 29,897 | 36 | 18 | 6 | 5 | - | 1 | - | - | - | - | - | - | - | 2 | 2 | 1 | - |
| Whitecross-street - - - N. | 7,595 | 8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Finsbury - - - - - N. | 4,035 | 2 | 3 | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - |
| *Holborn Union Workhouse, Mitcham* - - - - | †892 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Botolph *H* - - N. & E. | 6,870 | 2 | 4 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Cripplegate - - - - N. | 3,299 | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Sepulchre *WH* - - - N. | 9,591 | 3 | 8 | - | 2 | - | - | - | - | - | - | - | - | - | 1 | 1 | 6 | - |
| Allhallows Barking - - - N. | 9,059 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - |
| Broad Street *H* - - - N. | 2,892 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| *City of London Asylum, Stone* - - | †388 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **EAST DISTRICTS.** | | | | | | | | | | | | | | | | | | |
| Shoreditch South *Hl* - E. & N. | 17,975 | 11 | 8 | 2 | 2 | - | 2 | - | - | 1 | - | - | - | - | - | - | 1 | - |
| Hoxton New Town *w* - - N. | 29,575 | 23 | 28 | 4 | 13 | - | 3 | - | - | 3 | - | - | - | - | 1 | 4 | 8 | - |
| Hoxton Old Town - - - N. | 27,645 | 25 | 17 | 3 | 3 | - | - | - | - | 2 | - | - | - | - | 1 | 2 | - | - |
| Haggerston *WH* - - N. & E. | 47,163 | 36 | 30 | 8 | 7 | - | 6 | - | 1 | 2 | - | - | - | - | 1 | 2 | 10 | - |
| Bethnal Green North *H* - E. | 49,301 | 49 | 16 | 5 | 1 | - | 1 | - | 1 | 2 | - | - | - | - | 1 | 4 | - | - |
| Bethnal Green South - - E. | 34,194 | 21 | 12 | 4 | 2 | - | - | - | - | - | - | - | - | 1 | - | 1 | - | - |
| Bethnal Green East *WHl* - E. | 45,667 | 24 | 25 | 2 | 10 | - | 1 | - | 1 | - | - | - | - | - | 1 | 2 | 11 | - |
| Spitalfields - - - E. & N. | 26,681 | 30 | 7 | 2 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| Mile End New Town *W* - E. | 12,816 | 14 | 10 | 2 | 3 | - | - | - | - | - | - | - | - | - | - | - | 5 | - |
| Whitechapel Church *H* - E. & N. | 25,561 | 19 | 22 | 1 | 2 | - | - | - | - | - | - | - | - | - | 3 | 3 | 13 | - |
| Goodman's Fields - - - E. | 13,618 | 11 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. George's North - - - E. | 39,576 | 38 | 13 | 5 | 1 | - | - | - | - | 1 | - | - | - | 1 | 1 | 3 | - | - |
| St. John, St. George East *W* E. | 7,930 | 5 | 13 | 2 | 5 | - | 3 | - | - | - | - | - | - | - | - | 1 | 12 | - |
| Shadwell *H* - - - E. & N. | 10,434 | 11 | 7 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | - | 4 | - |
| Ratcliff *W* - - - - E. | 14,954 | 9 | 9 | 2 | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| Limehouse - - - - E. | 32,917 | 22 | 8 | 4 | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - | - |
| Mile End Old Town West *H* E. | 111,060 | 55 | 20 | 3 | 6 | - | 1 | - | - | 2 | - | - | - | - | - | - | - | - |
| Mile End Old Town East *WWww* - E. | | 40 | 16 | 2 | 6 | - | 2 | - | - | 1 | - | - | - | - | 1 | 3 | 3 | - |
| Bow *l* - - - - - E. | 41,687 | 33 | 22 | 6 | 5 | - | 3 | - | - | 1 | - | - | - | - | - | - | 1 | - |
| Bromley *wwwH* - - - E. | 69,821 | 57 | 40 | 7 | 10 | - | 2 | - | - | 3 | - | - | - | - | 1 | 3 | 11 | - |
| Poplar *WW* - - - - E. | 57,759 | 46 | 29 | 7 | 3 | - | 3 | - | - | 2 | - | - | - | - | 1 | 6 | 4 | - |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 8th January, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WH* L.&S. | 13,064 | 11 | 2 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| St. Saviour Southwark - - S. | 12,301 | 4 | 6 | 2 | – | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Kent-road - - - - S. & L. | 22,879 | 11 | 12 | 3 | 3 | – | 3 | – | – | – | – | – | – | – | 1 | 1 | – | – |
| Borough-road *WH* - S. & L. | 16,083 | 16 | 6 | – | 2 | – | – | – | 1 | – | – | – | – | – | – | – | 3 | – |
| London-road *HL* - - L. & S. | 21,316 | 17 | 4 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Trinity Newington - - S. & L. | 28,723 | 24 | 7 | 2 | 1 | – | 2 | – | – | – | – | – | – | – | – | – | – | – |
| St. Peter Walworth *W* - S. & L. | 62,045 | 58 | 26 | 9 | 5 | – | 3 | – | 2 | – | – | – | – | – | – | 1 | 3 | – |
| St. Mary Newington- - L. & S. | 30,171 | 28 | 8 | 2 | – | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| St. Olave *WH*- - - - S. | 11,731 | 11 | 24 | 1 | 3 | – | 1 | – | 1 | 1 | – | 1 | – | – | 2 | 2 | 20 | – |
| Leather Market *W* - S. & L. | 32,339 | 44 | 16 | 5 | 2 | – | 5 | – | – | – | – | – | – | – | – | – | 1 | 1 |
| St. James Bermondsey - - S. | 53,136 | 44 | 15 | 5 | 3 | – | 2 | 1 | – | – | – | – | – | – | – | 1 | – | – |
| Rotherhithe *WwH* - S. & K. | 40,379 | 36 | 19 | 2 | 4 | – | 1 | – | 1 | 3 | – | – | – | – | 1 | 2 | 4 | – |
| Waterloo-road *HH* - L. & S. | 28,396 | 24 | 13 | 2 | 3 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 11 | 24 | 2 | 4 | – | 1 | – | 1 | – | – | 1 | – | – | 3 | 5 | 8 | – |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 33 | 41 | 5 | 16 | – | 2 | – | – | – | – | – | – | – | 1 | 1 | 27 | – |
| Kennington 1st *H* - - S. & L. | 52,486 | 47 | 18 | 5 | 5 | – | 1 | – | – | – | – | – | – | 1 | 1 | 1 | – | – |
| Kennington 2nd - - S. & L. | 43,244 | 18 | 17 | 3 | 8 | – | – | – | – | – | – | – | – | – | 1 | 5 | – | 1 |
| Brixton *w* - - - L. & S. | 81,825 | 46 | 25 | 8 | 7 | – | – | 1 | 1 | – | – | – | – | – | 1 | 4 | 2 | – |
| Norwood *WH*- - - - L. | 29,318 | 13 | 12 | 1 | 8 | – | – | – | – | – | – | – | – | – | 1 | 2 | 1 | – |
| East Battersea - - - - S. | 71,730 | 58 | 31 | 8 | 4 | – | 4 | 3 | 1 | 1 | – | – | – | 1 | 2 | 5 | – | 1 |
| West Battersea *WwH* - - S | 93,385 | 69 | 39 | 7 | 11 | – | 6 | – | – | 3 | – | – | – | – | 2 | 2 | 9 | – |
| Clapham *H* - - - - S. | 46,953 | 22 | 15 | 3 | 9 | – | – | – | – | – | – | – | – | – | 1 | 2 | 1 | – |
| Wandsworth *WHHL* - - S. | 58,101 | 52 | 14 | 4 | – | – | 2 | – | – | – | – | – | – | – | 2 | 3 | 2 | – |
| Putney - - - - - S. | 20,566 | 7 | 3 | 2 | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| Streatham *Wwww* - - - L. | 61,644 | 30 | 31 | 2 | 12 | – | – | 2 | 8 | – | – | – | – | – | – | 1 | 15 | 1 |
| Dulwich - - - - L. & S. | 7,519 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Camberwell *Wwll* - S. & L. | 90,286 | 50 | 43 | 5 | 21 | – | 4 | – | – | 1 | – | – | – | – | – | 1 | 21 | 2 |
| Peckham *WW* - S., L., & K. | 88,242 | 59 | 21 | 6 | 1 | – | 2 | – | – | 4 | – | – | – | – | – | 3 | – | – |
| St. George Camberwell - L. & S. | 67,029 | 44 | 19 | 4 | 2 | – | 3 | – | – | – | – | – | – | – | 1 | 3 | – | 2 |
| Deptford North - - - K. | 36,152 | 23 | 9 | 4 | 2 | – | – | – | – | 1 | – | – | – | – | 1 | 3 | – | – |
| Deptford Central *w* - - K. | 45,441 | 39 | 18 | 3 | 3 | – | 1 | 1 | 2 | – | – | – | – | – | – | 1 | 4 | 1 |
| Deptford South - - - K. | 33,402 | 15 | 10 | 2 | 3 | – | – | – | – | – | – | – | – | – | 4 | 5 | – | – |
| Greenwich West *H* - - K. | 23,012 | 17 | 7 | 1 | 3 | – | – | – | – | 2 | – | – | – | – | 1 | 1 | – | – |
| Greenwich East *WH* - - K. | 37,767 | 39 | 15 | 2 | 7 | – | – | – | – | – | – | – | – | – | 4 | 5 | 7 | – |
| Eltham *wH* - - - - K. | 5,911 | 3 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Lee *H* - - - - - K. | 24,222 | 9 | 5 | 2 | 2 | – | – | – | – | 2 | – | – | – | – | – | – | – | – |
| Lewisham *WwH* - - - K. | 38,139 | 30 | 20 | 2 | 7 | – | – | 1 | – | – | – | 1 | – | – | – | – | 7 | – |
| Sydenham *H* - - - - L. | 37,601 | 16 | 5 | 2 | 2 | – | 1 | – | – | 1 | – | – | – | – | – | – | – | – |
| Charlton *wHH* - - K. | 15,928 | 12 | 10 | 1 | 3 | – | – | 2 | 3 | – | – | – | – | – | – | 1 | 5 | 1 |
| Woolwich Dockyard - - K. | 19,355 | 5 | 6 | 2 | – | – | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 19 | 14 | 3 | 3 | – | 2 | – | – | – | – | – | – | – | 2 | 3 | 1 | 2 |
| Plumstead West *H* - - K. | 16,714 | 8 | 7 | 2 | 1 | – | – | – | – | 1 | – | – | – | – | – | – | – | 1 |
| Plumstead East *WH* - - K. | 42,538 | 30 | 13 | 2 | 4 | – | – | – | – | – | – | – | – | 1 | – | 3 | 3 | 1 |
| Banstead Asylum - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Caterham Asylum - - - - | — | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | 2 | – |
| Cane Hill Asylum - - - - | — | – | 13 | – | 4 | – | – | – | – | – | – | – | – | – | – | 1 | 13 | – |
| Hospital Ships and Camp, Dartford | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Darenth Asylum - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Hanwell Asylum - - - - | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Colney Hatch Asylum - - - | — | – | 11 | – | 5 | – | – | – | – | – | – | – | – | – | – | – | 11 | – |
| N.E. Hospital - - - - | — | – | 3 | – | – | – | – | 3 | – | – | – | – | – | – | – | – | 3 | – |
| Winchmore Hill Hospital - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Leavesden Asylum - - - - | — | – | 7 | – | 2 | – | – | – | – | – | – | – | – | – | 1 | – | 7 | – |
| Claybury Asylum - - - - | — | – | 5 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 5 | – |

TABLE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 8th January, 1898.

| Registration District and Sub-district Numbers. | REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years & upwds. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LONDON—OUTER RING - | 368,749 | 1,422,063 | 1,139 | 635 | 134 | 208 | – | 32 | 1 | 15 | 13 | 3 | 1 | 21 | 40 | 72 | 13 |
| 30 : 1 | Carshalton *wHH* - - | 12,228 | 26,108 | 17 | 6 | 5 | 1 | – | – | – | – | 2 | – | – | – | – | – | – |
| 2 | Epsom, *part of** *WwHH* - | 10,423 | 12,508 | 7 | 4 | – | 3 | – | – | – | – | – | – | – | – | – | – | – |
| 37 : 1 | Godstone, *part of** *W* - | 2,754 | 1,598 | – | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 38 : 1 | Croydon *WwHHH* - - | 20,851 | 128,699 | 78 | 52 | 9 | 20 | – | 7 | – | – | 2 | – | – | 2 | 9 | 14 | – |
| 2 | Mitcham *w* - - - | 11,697 | 23,088 | 15 | 7 | 3 | – | – | – | – | – | – | 1 | – | – | – | – | – |
| 39 : 1 | Wimbledon *HHH* - - | 3,220 | 25,761 | 20 | 8 | 1 | 2 | – | – | – | 1 | – | – | – | – | – | – | – |
| 2 | Kingston *W* - - - | } 8,071 | { 33,566 | 23 | 28 | 7 | 12 | – | 1 | – | 1 | – | – | – | – | – | 6 | – |
| 3 | Surbiton *H-* - - - | | 11,199 | 8 | 3 | – | 3 | – | – | – | – | – | – | – | – | – | – | – |
| 4 | Esher, *part of** *HH* - - | 6,601 | 12,059 | 11 | 4 | – | 2 | – | – | – | – | – | – | – | – | – | – | 1 |
| 5 | Hampton *HL* - - - | 4,565 | 18,252 | 14 | 7 | 1 | 3 | – | – | – | – | – | – | – | 1 | 1 | – | – |
| 40 : 1 | Richmond *WH* - - - | 2,160 | 25,389 | 12 | 9 | 1 | 5 | – | – | – | – | – | – | – | 1 | 2 | 2 | – |
| 2 | Mortlake *H* - - - | 2,823 | 16,159 | 12 | 3 | 1 | 1 | – | 1 | – | – | – | – | – | – | – | – | – |
| 41 : 1 | Bromley *HHH* - - - | 9,127 | 23,815 | 22 | 6 | 3 | 2 | – | – | – | – | – | – | – | 1 | 1 | – | – |
| 2 | Beckenham *H* - - - | 6,542 | 21,969 | 10 | 7 | 1 | 2 | – | – | – | – | – | – | 1 | – | – | – | – |
| 3 | Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 15 | 8 | 2 | 2 | – | – | – | – | 2 | – | – | – | – | 2 | 1 |
| 42 : 1 | Bexley *HHH* - - - | 12,540 | 30,590 | 35 | 10 | 2 | – | – | – | – | 4 | – | – | – | – | – | – | – |
| 2 | Dartford *WH*, part of* - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 124 : 1 | Sunbury *w* - - - | 11,054 | 13,671 | 4 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Staines *WH* - - - | 13,277 | 13,221 | 6 | 3 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – |
| 125 : 1 | Hillingdon *WHH* - - | 6,035 | 12,237 | 8 | 9 | 1 | 4 | – | – | – | – | – | – | – | – | – | 5 | – |
| 2 | Uxbridge - - - - | 12,757 | 7,253 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Hayes *wH* - - - - | 7,952 | 11,051 | 9 | 9 | 2 | 1 | – | – | – | 1 | – | – | – | – | – | – | – |
| 126 : 1 | Isleworth *WHH* - - | 6,967 | 26,004 | 26 | 16 | 2 | 5 | – | – | – | – | – | – | – | – | – | 4 | 3 |
| 2 | Twickenham *HH* - - | 2,415 | 16,027 | 7 | 3 | – | 1 | – | 1 | – | – | – | – | – | – | – | 1 | – |
| 3 | Brentford *HHHH* - - | 4,318 | 37,777 | 25 | 18 | 5 | 6 | – | 1 | – | – | 3 | – | – | – | – | 1 | 1 |
| 4 | Chiswick - - - - | 1,245 | 21,963 | 22 | 6 | 1 | 1 | – | – | – | 1 | – | – | – | – | – | – | – |
| 5 | Acton *wH* - - - - | 6,132 | 30,945 | 30 | 25 | 7 | 8 | – | 2 | – | – | – | – | – | 1 | – | – | 1 |
| 127 : 1 | Harrow *HHH* - - - | 13,809 | 15,715 | 16 | 10 | – | 6 | – | – | – | – | – | – | – | 1 | 1 | – | – |
| 2 | Edgware *HH* - - - | 6,994 | 3,844 | 3 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Willesden *HHH* - - | 4,383 | 61,265 | 57 | 41 | 10 | 11 | – | 1 | – | 2 | 1 | – | – | 1 | 1 | 1 | 2 |
| 4 | Hendon *WH* - - - | 8,382 | 15,843 | 11 | 13 | – | 8 | – | 2 | – | – | – | – | – | 1 | 1 | 7 | – |
| 128 : 1 | South Mimms *HH* - - | 15,599 | 8,474 | 7 | 2 | – | 1 | – | – | – | – | 1 | – | – | – | – | – | – |
| 2 | Barnet *WHH* - - - | 5,478 | 12,045 | 6 | 5 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Finchley *HHH* - - - | 4,688 | 25,820 | 16 | 5 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 129 : 1 | Hornsey *HH* - - - | 3,039 | 61,097 | 41 | 22 | 3 | 12 | – | – | – | – | – | – | – | – | 1 | – | – |
| 2 | Tottenham *HH-* - - | 4,642 | 97,174 | 53 | 36 | 8 | 11 | – | 2 | – | – | 1 | – | – | 1 | 5 | 2 | – |
| 3 | Edmonton *Www* - - | 7,489 | 36,351 | 26 | 18 | 3 | 8 | – | 3 | – | – | – | – | – | – | 1 | 3 | – |
| 4 | Enfield *WWHH* - - | 12,602 | 31,536 | 26 | 11 | 3 | 3 | – | 1 | – | – | – | – | – | – | – | 1 | 1 |
| 5 | Waltham Abbey - - - | 11,017 | 6,066 | 5 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 6 | Cheshunt *H* - - - | 8,480 | 9,620 | 4 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 135 : 1 | Hatfield, *part of** *W* - - | 3,306 | 582 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 137 : 1 | Bushey *H* - - - - | 9,331 | 7,737 | 8 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Watford *WH*, part of* - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 186 : 1 | Stratford *H* - - - | 1,100 | 42,983 | 46 | 19 | 5 | 3 | – | 2 | 1 | 1 | – | – | – | 3 | 3 | 2 | – |
| 2 | Plaistow *WHH-* - - | 1,242 | 58,030 | 77 | 21 | 8 | 5 | – | – | – | – | – | – | – | – | 1 | 2 | – |
| 3 | Canning Town *H* - - | 1,558 | 54,750 | 60 | 29 | 9 | 5 | – | 2 | – | 1 | 1 | – | – | 4 | 5 | 2 | – |
| 4 | Forest Gate *w* - - - | 806 | 49,140 | 28 | 20 | 8 | 5 | – | – | – | 1 | – | – | – | – | – | – | 2 |
| 5 | East Ham *wH* - - - | 3,266 | 32,713 | 51 | 21 | 1 | 4 | – | 3 | – | 1 | – | – | – | 1 | 1 | – | 1 |
| 6 | Leyton *WWWwH* - - | 4,334 | 70,188 | 64 | 40 | 10 | 11 | – | 2 | – | – | – | 1 | – | 2 | 5 | 13 | – |
| 7 | Walthamstow *HHL* - - | 6,501 | 57,330 | 64 | 31 | 4 | 11 | – | 1 | – | 1 | – | – | – | – | 1 | – | – |
| 187 : 1 | Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 3 | 8 | – | 6 | – | – | – | – | – | – | – | 1 | 1 | – | – |
| 2 | Epping *WH*, part of*- - | — | — | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | 1 | – |
| 189 : 1 | Romford, *part of** *WH* - | 6,556 | 4,324 | 4 | 7 | 1 | 3 | – | – | – | – | – | 1 | – | – | – | 2 | – |
| 2 | Ilford - - - - - | 8,493 | 10,913 | 12 | 8 | 2 | 3 | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Barking Town, *H* - - | 3,814 | 14,301 | 13 | 3 | 2 | – | – | – | – | – | – | – | – | – | – | – | – |
| | London Co. Lunatic Asy., Cane Hill. | — | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30 : 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37 : 1, the parishes of Warlingham and Farley in Godstone sub-district; 39 : 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41 : 3, Chislehurst sub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135 : 1, the parish of Northaw in Hatfield sub-district; 187 : 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (pop. 1,079); 189 : 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for Infectious Diseases belonging to the Outer Ring in 42 : 2, Dartford; 137 : 2, Watford; and 187 : 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 8th January, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | ANNUAL RATE of MORTALITY per 1000 living. From All Causes. | From Diseases in Cols. 8-14. | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. | 16. |
| GREATER LONDON | **443,421** | **6,408,321** | **21·4** | **2·8** | **2625** | **478** | **782** | **–** | **161** | **20** | **65** | **79** | **13** | **11** | **100** | **605** |
| INNER LONDON - | 74,672 | 4,504,766 | 23·0 | 3·3 | 1990 | 344 | 574 | – | 129 | 19 | 50 | 66 | 10 | 10 | 79 | 533 |
| OUTER RING - | 368,749 | 1,903,555 | 17·4 | 1·8 | 635 | 134 | 208 | – | 32 | 1 | 15 | 13 | 3 | 1 | 21 | 72 |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent to the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN, and in certain FOREIGN CITIES.

| CITIES | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. (Exclusive of Stillborn) | DEATHS. (Exclusive of Stillborn) | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM PRINCIPAL ZYMOTIC DISEASES. Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœal Diseases. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 292,364 | January 8 | 154 | 142 | 25·0 | – | 1 | 3 | 2 | – | – | 5 |
| GLASGOW - - | 714,919 | „ 8 | 520 | 338 | 24·3 | – | 11 | 4 | 2 | 12 | 2 | 7 |
| DUBLIN - - | 349,594 | „ 8 | 235 | 208 | 31·0 | – | – | 5 | – | 4 | 6 | 3 |
| CALCUTTA - - | 466,460 | November 27 | – | 304 | 34·0 | – | – | – | – | – | 107 | 45† |
| BOMBAY - - | 821,764 | December 14 | 215 | 757 | 47·9 | – | 7 | ? | ? | ? | 186‡ | 57† |
| MADRAS - - | 452,518 | „ 10 | 382 | 322 | 37·0 | 1 | 5 | ? | ? | ? | 93 | 45† |
| PARIS - - - | 2,511,629 | January 1 | 1217 | 1095 | 22·6 | – | 10 | 2 | 12* | – | 5 | 28 |
| BRUSSELS - - | 531,011 | „ 1 | 273 | 178 | 17·4 | – | 1 | – | 3* | 2 | 1 | 16 |
| AMSTERDAM - | 500,091 | December 25 | 262 | 164 | 17·0 | – | – | – | 4 | 3 | 6 | – |
| ROTTERDAM - | 290,004 | „ 25 | 202 | 105 | 18·8 | 1 | – | – | – | 1 | 1 | – |
| THE HAGUE - | 191,529 | „ 25 | 134 | 65 | 17·6 | – | – | – | – | 1 | – | – |
| COPENHAGEN - | 340,500 | „ 25 | 143 | 95 | 14·5 | – | – | – | 5 | 2 | 2 | 5 |
| STOCKHOLM - | 274,611 | „ 25 | 122 | 83 | 15·7 | – | – | 2 | 3* | 1 | – | 6 |
| CHRISTIANIA - | 192,141 | January 1 | 78 | 41 | 11·1 | – | – | – | – | 1 | – | – |
| ST. PETERSBURG | 954,400 | December 25 | 500 | 534 | 29·2 | 5 | 4 | 19 | 20 | 3 | 23 | 61 |
| MOSCOW - - | 753,469 | „ 25 | – | 491 | 34·0 | – | 7 | 14 | 12 | – | 5 | 23 |
| BERLIN - - | 1,726,098 | „ 18 | 867 | 599 | 17·8 | – | 4 | 10 | 25 | 7 | 3 | 25 |
| HAMBURG - - | 641,780 | January 1 | – | 193 | 15·6 | – | – | – | 2* | – | – | 8 |
| DRESDEN - - | 347,485 | December 4 | – | 131 | 18·1 | – | 1 | – | – | – | – | 5 |
| BRESLAU - - | 385,198 | January 1 | – | 168 | 22·7 | – | 3 | – | 2* | 2 | – | 13 |
| MUNICH - - | 418,000 | „ 1 | – | 184 | 22·9 | – | 4 | – | 4* | – | – | 22 |
| VIENNA - - | 1,574,129 | „ 1 | 889 | 604 | 20·0 | – | 16 | 9 | 22* | 2 | 2 | 35 |
| PRAGUE - - | 370,089 | „ 1 | 221 | 155 | 21·4 | – | 1 | 3 | – | – | 4 | 6 |
| BUDA-PESTH - | 613,266 | December 25 | 432 | 248 | 20·5 | – | 3 | 3 | 3 | – | 3 | 16 |
| TRIESTE - - | 163,292 | „ 25 | 112 | 80 | 25·4 | – | – | 2 | 1* | – | – | 1 |
| ROME - - - | 484,061 | „ 4 | – | – | – | – | – | – | – | – | – | – |
| TURIN (10 days) | 344,203 | „ 10 | – | – | – | – | – | – | – | – | – | – |
| VENICE - - | 165,222 | „ 25 | 68 | 75 | 23·7 | – | – | – | 4* | – | 1 | 3 |
| CAIRO - - | 374,838 | November 11 | – | – | – | – | – | – | – | – | – | – |
| ALEXANDRIA - | 231,396 | „ 11 | – | – | – | – | – | – | – | – | – | – |
| NEW YORK - | 2,003,000 | December 25 | – | 650 | 16·8 | – | 9 | 8 | 27* | 4 | 7 | 12 |
| BROOKLYN - | 1,160,000 | „ 25 | – | 318 | 14·1 | – | 2 | 3 | 16 | – | 4 | 5 |
| PHILADELPHIA - | 1,214,256 | „ 25 | – | 396 | 17·0 | – | 1 | 3 | 27 | 3 | 15 | 4 |

* Including deaths from croup.
† Including 8 deaths from cholera in Calcutta, 5 in Bombay, and 5 in Madras.
‡ Including 95 deaths from bubonic fever.

| 1898. Month and Day. | | Phases of the Moon. | Barometer. Mean daily reading (corrected and reduced to 32° Fahrenheit). | Temperature. Of the Air. High-est. | Low-est. | Daily Range. | Mean daily value. | Departure from Average of 50 years. | Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Great-est. | Least. | Degree of Humidity (Saturation equals 100). | Temperature. Of Radiation. Highest in Sun's Rays. | Lowest on the Grass. | Of the Earth 3 feet below the Surface. | Wind as deduced from Anemometers. Osler's. General Direction. A.M. | P.M. | Pressure on the Square Foot. Great-est. | Least. | Mean of 24 hourly obs. | Robinson's. Horizontal Movement of the Air on each Day. | Departure from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JANUARY. | | | in. | ° | ° | ° | ° | | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| SUNDAY - | 2 | .. | 29·612 | 45·1 | 37·8 | 7·3 | 41·3 | + 2·8 | 39·3 | 2·0 | 4·4 | 0·0 | 92 | 62·0 | 31·5 | 45·01 | N., NNW. & W. | WSW. & S. | 1·3 | 0·0 | 0·0 | 183 | −130 | 0·06 | 0·0 |
| MONDAY - | 3 | .. | 30·077 | 49·1 | 31·1 | 18·0 | 38·9 | + 0·4 | 37·0 | 1·9 | 7·8 | 0·0 | 93 | 79·3 | 28·9 | 44·98 | S. & Variable. | S., SSE. & Variable. | 0·3 | 0·0 | 0·0 | 102 | −213 | 0·01 | 0·0 |
| TUESDAY - | 4 | Apogee | 30·037 | 47·8 | 30·3 | 17·5 | 41·1 | + 2·7 | 38·8 | 2·3 | 4·4 | 0·0 | 91 | 54·0 | 28·2 | 44·75 | SW. & WSW. | WSW. & SW. | 2·2 | 0·0 | 0·1 | 280 | − 36 | 0·00 | 0·0 |
| WEDNESDAY | 5 | Greatest Dec. N. | 29·765 | 52·2 | 47·1 | 5·1 | 49·6 | +11·3 | 47·9 | 1·7 | 3·4 | 0·4 | 94 | 52·2 | 44·0 | 44·50 | SW. & WSW. | SW. | 2·8 | 0·0 | 0·3 | 356 | + 39 | 0·33 | 0·0 |
| THURSDAY- | 6 | .. | 29·773 | 53·7 | 45·8 | 7·9 | 50·1 | +11·9 | 46·0 | 4·1 | 6·2 | 1·1 | 86 | 79·2 | 43·0 | 44·70 | SW. & WSW. | WSW. & SSW. | 3·9 | 0·0 | 0·3 | 332 | + 15 | 0·01 | 0·0 |
| FRIDAY - | 7 | .. | 29·908 | 49·0 | 34·4 | 14·6 | 42·5 | + 4·4 | 36·5 | 6·0 | 10·1 | 0·2 | 79 | 64·3 | 29·4 | 45·18 | SSW, WNW & NNW. | NNW., Variable & S. | 3·9 | 0·0 | 0·2 | 246 | − 72 | 0·08 | 0·0 |
| SATURDAY - | 8 | Full | 29·814 | 45·1 | 33·5 | 11·6 | 40·2 | + 2·2 | 37·5 | 2·7 | 5·1 | 0·5 | 90 | 68·8 | 28·7 | 45·42 | S. & SSE. | SE. | 0·4 | 0·0 | 0·0 | 166 | −152 | 0·00 | 0·0 |
| MEANS - | - | | 29·855 | 48·9 | 37·1 | 11·7 | 43·4 | + 5·1 | 40·4 | 3·0 | 5·9 | 0·3 | 89 | 65·7 | 33·4 | 44·93 | Variable | | .. | .. | .. | Sum 1665 | Sum −549 | Sum 0·49 | 0·0 |
| No. of Column - | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| DATE. JANUARY. | | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. |
|---|---|---|---|---|
| SUNDAY - | 2 | w. P. and w. N. till 7h. A.M.; w. P. afterwards. | 0·8 | 7·9 |
| MONDAY - | 3 | w. P. throughout - | 2·3 | 7·9 |
| TUESDAY - | 4 | w. P. generally - | 0·0 | 7·9 |
| WEDNESDAY | 5 | w. P. & w. N. - - | 0·0 | 8·0 |
| THURSDAY- | 6 | w. P. generally - | 1·5 | 8·0 |
| FRIDAY - | 7 | w. P. till 10h. A.M.; m. P. afterwards. | 2·7 | 8·0 |
| SATURDAY - | 8 | v. P. till noon; m. P. afterwards. | 3·8 | 8·1 |
| | | | Sum 11·1 | Sum 55·8 |
| No. of Col. - | - | 27 | 28 | 29 |

## GENERAL REMARKS.

Overcast till noon with gentle rain in morning; very fine afterwards. Fog and lunar halo at night.

Dense fog with hoar frost in morning; fine till 10h. P.M.; cloudy afterwards. Variable fog after 8h. p.m.

Generally overcast; fog in morning

Generally overcast; frequent rain.

Overcast with light showers in morning; fine with large amounts of cloud afterwards. Lunar halo at night.

Overcast till 9h. A.M. with rain between 2h. and 6h. A.M.; fine afterwards. Slight fog at night.

Very fine till 1h. P.M.; cloudy afterwards. Hoar frost in morning.

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day. The amounts registered since 1897, January 1, are not strictly comparable with those recorded previous to that date, a new ball of more transparent glass having been substituted for that formerly used, which was somewhat opaque.

The reading of the barometer increased from 29·20 in. at the beginning of the week to 30·10 in. by noon on the 3rd; decreased to 29·71 in. by 5h. A.M. on the 6th; increased to 30·02 in. by 8h. P.M. on the 7th; and decreased to 29·70 in. by the end of the week.

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1898.

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# WEEKLY RETURN
OF
# BIRTHS AND DEATHS IN LONDON
AND IN
# THIRTY-TWO OTHER GREAT TOWNS

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No. 2. 1898. VOL. LIX.] WEEK ENDING SATURDAY, JAN. 15. [Price 1½*d*.

*General Register Office, Somerset House,*
*January* 17*th*, 1898.

## THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 20·6 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000 :—

| TOWNS. | Weeks ending | | | | TOWNS. | Weeks ending | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Dec. 25. | Jan. 1. | Jan. 8. | Jan. 15. | | Dec. 25. | Jan. 1. | Jan. 8. | Jan. 15. |
| 33 Great Towns | 17·7 | 24·9 | 21·4 | 20·6 | Leicester - - | 15·4 | 24·1 | 17·5 | 17·2 |
| Birkenhead - | 18·7 | 14·1 | 17·5 | 12·9 | Liverpool - - | 17·7 | 27·1 | 22·4 | 25·3 |
| Birmingham - | 17·1 | 24·8 | 23·7 | 22·2 | London - - - | 18·2 | 27·6 | 23·0 | 22·9 |
| Blackburn - | 25·8 | 30·6 | 25·0 | 20·0 | Manchester - - | 19·8 | 22·9 | 22·7 | 20·6 |
| Bolton - - | 15·9 | 25·3 | 20·4 | 17·9 | Newcastle-on-Tyne | 16·3 | 21·1 | 18·0 | 19·4 |
| Bradford - | 17·8 | 24·1 | 19·0 | 14·3 | Norwich - - | 18·9 | 37·4 | 27·5 | 28·9 |
| Brighton - | 10·7 | 19·3 | 16·6 | 18·8 | Nottingham - - | 19·9 | 24·0 | 19·2 | 14·8 |
| Bristol - | 17·3 | 24·9 | 17·9 | 15·6 | Oldham - - | 11·8 | 21·1 | 15·8 | 16·5 |
| Burnley - | 17·2 | 24·6 | 21·4 | 14·8 | Plymouth - - | 15·5 | 17·1 | 26·8 | 23·7 |
| Cardiff - - | 16·9 | 18·1 | 12·6 | 12·6 | Portsmouth - - | 14·9 | 20·0 | 16·5 | 14·8 |
| Croydon - | 9·0 | 16·4 | 18·4 | 13·8 | Preston - - | 19·9 | 27·2 | 21·1 | 18·4 |
| Derby - - | 13·6 | 19·7 | 23·4 | 19·4 | Salford - - - | 18·1 | 22·0 | 24·4 | 19·6 |
| Gateshead - | 13·9 | 15·5 | 23·6 | 17·1 | Sheffield - - | 19·9 | 22·4 | 18·9 | 18·9 |
| Halifax - | 17·4 | 32·7 | 18·9 | 21·6 | Sunderland - - | 17·2 | 19·1 | 18·8 | 20·7 |
| Huddersfield- | 18·5 | 24·7 | 23·9 | 12·2 | Swansea - - | 26·5 | 20·3 | 21·5 | 13·3 |
| Hull - - | 15·3 | 19·2 | 17·5 | 17·9 | West Ham - - | 16·2 | 14·7 | 17·8 | 17·8 |
| Leeds - - | 17·7 | 27·6 | 20·9 | 19·8 | Wolverhampton - | 14·3 | 23·9 | 18·4 | 29·6 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were :—from *measles*, 1·0 in Bristol, in Swansea, and in Burnley, 1·1 in Birmingham and in Sunderland, 1·3 in West Ham, 1·6 in London and in Sheffield, 1·7 in Croydon, 2·0 in Derby, 2·1 in Brighton and in Oldham, and 2·2 in Halifax ; from *scarlet fever*, 1·0 in Huddersfield ; from *whooping-cough*, 1·0 in Derby and 1·1 in Portsmouth ; and from *diarrhœa*, 1·3 in Bolton. In no case did the death-rate from "*fever*" reach 1·0 per 1000 in any of the thirty-three towns. The 72 deaths from *diphtheria* included 44 in London, 6 in Birmingham, 4 in Cardiff, and 4 in Liverpool. No death from *small-pox* was registered in any of the thirty-three towns.

## LONDON.

In LONDON† 2703 BIRTHS and 1982 DEATHS were registered. Allowing for increase of population, the births were 177, and the deaths 355, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 18·2, 27·6, and

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

23·0 in the preceding three weeks, further fell last week to 22·9. During the four weeks ending on Saturday last the death-rate averaged 22·9 per 1000, being 1·5 per 1000 below the mean rate in the corresponding periods of the ten years 1888–97.

The 1982 deaths included 134 from measles, 15 from scarlet fever, 44 from diphtheria, 76 from whooping-cough, 9 from enteric fever, 10 from diarrhœa and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 288 deaths were referred to these diseases, being 56 above the corrected average weekly number.

The deaths from *measles*, which had been 112, 166, and 130 in the preceding three weeks, rose again last week to 134, and were 72 above the corrected average; 15 cases belonged to Islington, 12 to Camberwell, 11 to Lambeth, 10 to Poplar, 8 to Newington, 8 to Battersea, 7 to Hackney, 5 to Fulham, 5 to Chelsea, and 5 to St. George Southwark sanitary areas. The deaths from *scarlet fever*, which had been 9, 11, and 19 in the preceding three weeks, fell again last week to 15, and were 6 below the corrected average; 4 cases belonged to Fulham, 2 to Kensington, 2 to Lambeth, 2 to Battersea, and 2 to Wandsworth sanitary areas. The deaths from *diphtheria*, which had been 56, 53, and 50 in the preceding three weeks, further fell last week to 44, but were 6 above the corrected average; 10 cases belonged to Islington, 4 to Hackney, and 3 to Bethnal Green sanitary areas. The deaths from *whooping-cough*, which had been 57, 76, and 65 in the preceding three weeks, further rose last week to 76, but were 5 below the corrected average; 9 cases belonged to Shoreditch 9 to Bethnal Green, and 9 to Poplar sanitary areas. The fatal cases of *enteric fever*, which had been 5, 14, and 10 in the preceding three weeks, were 9 last week, the corrected average being 14; 3 cases belonged to Lambeth, and 2 to Hackney sanitary areas. The deaths from *diarrhœa*, which had been 6, 13, and 10 in the preceding three weeks, were again 10 last week, the corrected average being 14. The deaths referred to diseases of the respiratory organs, which had been 353, 700, and 533 in the preceding three weeks, further fell last week to 516, and were 255 below the corrected average. The deaths attributed directly to *influenza* numbered 40, having been 15, 29, and 43 in the preceding three weeks.

Different forms of violence caused 77 deaths, concerning all but 1 of which inquests were held. Of these 77 deaths, 12 were cases of suicide, and 1 of homicide, while the remaining 64 were attributed to accident or negligence. Seven of these were referred to vehicles in the streets, 1 to the effects of chloroform administered for surgical purposes, and 17 (including 16 of infants under one year of age), to suffocation in bed.

### Cases of Infectious Sickness in Hospitals.*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 3253 cases of scarlet fever, 1023 of diphtheria, and 110 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 215 cases, against 222, 273, and 239; of diphtheria, 113 cases, against 143, 142, and 134; and of enteric fever, 15 cases, against 11, 16, and 20.

### Greater London.

In Greater London 3837 births and 2634 deaths were registered, corresponding to annual rates of 31·2 and 21·4 per 1000 of the estimated population. In the Outer Ring 33 deaths from measles, 5 from scarlet fever, 10 from diphtheria, 26 from whooping-cough, 1 from "fever," and 2 from diarrhœa were registered. Eleven deaths from measles occurred in West Ham district, 10 in Edmonton district, and 5 in Croydon sub-district; 3 deaths from scarlet fever occurred in Hendon district; 4 deaths from diphtheria occurred in West Ham district.

### Meteorology.

The mean reading of the Barometer last week at Greenwich was 30·25 inches, and that of the Thermometer 41°·8, the latter being 3°·8 above the week's average in the 50 years 1841–90. The direction of the wind was variable, the horizontal movement of the air being 55 per cent. below the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 3·5 hours; no rain was measured during the week.

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* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found, after sojourn in the Hospital to have been erroneous.

TABLE 1.—33 GREAT TOWNS.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Registered during the Week ending 15th January 1898. Births. | Registered during the Week ending 15th January 1898. Deaths. | Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Deaths from Measles. | Deaths from Scarlet Fever. | Deaths from Diphtheria. | Deaths from Whooping-cough. | Deaths from Fever. | Deaths from Diarrhœa. | Deaths from Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Annual Rate per 1000, corresponding to the Week's Deaths. From All Causes. | Annual Rate per 1000, corresponding to the Week's Deaths. From Diseases in Cols. 6–12. | Temperature of the Air. Highest. Fahrenheit. | Temperature of the Air. Lowest. Fahrenheit. | Temperature of the Air. Mean. Fahrenheit. | Temperature of the Air. Mean. Centigrade. | Rainfall. In Inches. | Rainfall. In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| 33 Towns - | **11,218,378** | **6944** | **4432** | **931** | **1159** | **-** | **225** | **32** | **72** | **120** | **42** | **34** | **163** | **358** | **395** | **55** | **20·6** | **2·4** | **58·4** | **28·0** | **41·7** | **5·39** | **0·04** | **0·10** | 33 Towns. |
| London - - | 4,504,766 | 2703 | 1982 | 373 | 561 | - | 134 | 15 | 44 | 76 | 9 | 10 | 77 | 173 | 533 | 15 | 22·9 | 3·3 | 49·2 | 32·0 | 41·8 | 5·44 | 0·00 | 0·00 | London. |
| West Ham - - | 286,654 | 195 | 98 | 23 | 23 | - | 7 | - | 2 | 1 | 1 | - | - | 1 | 14 | 3 | 17·8 | 2·0 | - | - | - | - | - | - | West Ham. |
| Croydon - - | 124,421 | 73 | 33 | 6 | 10 | - | 4 | 1 | - | 2 | - | - | 3 | 6 | 4 | - | 13·8 | 2·9 | 49·0 | 28·0 | 41·2 | 5·11 | 0·00 | 0·00 | Croydon. |
| Brighton - - | 122,310 | 44 | 44 | 12 | 10 | - | 5 | - | - | - | - | - | 1 | 5 | 6 | - | 18·8 | 2·1 | 49·0 | 31·0 | 42·7 | 5·94 | 0·00 | 0·00 | Brighton. |
| Portsmouth - | 186,618 | 93 | 53 | 17 | 8 | - | - | - | - | 4 | - | - | 3 | 6 | 6 | 2 | 14·8 | 1·1 | 50·0 | 31·0 | 42·0 | 5·56 | 0·00 | 0·00 | Portsmouth. |
| Plymouth - - | 99,136 | 55 | 45 | 5 | 21 | - | - | - | 1 | - | - | - | 7 | 11 | 8 | - | 23·7 | 0·5 | - | - | - | - | - | - | Plymouth. |
| Bristol - - | 316,900 | 171 | 95 | 18 | 33 | - | 6 | - | - | - | - | - | 4 | 10 | 17 | - | 15·6 | 1·0 | - | - | - | - | - | - | Bristol. |
| Cardiff - - | 177,770 | 103 | 43 | 9 | 6 | - | 2 | - | 4 | - | - | - | 1 | 2 | 6 | 2 | 12·6 | 1·8 | - | - | - | - | - | - | Cardiff. |
| Swansea - - | 102,001 | 63 | 26 | 9 | 4 | - | 2 | - | - | 1 | - | - | - | 2 | 3 | - | 13·3 | 1·5 | - | - | - | - | - | - | Swansea. |
| Wolverhampton | 88,051 | 67 | 50 | 8 | 15 | - | - | - | - | - | - | - | 2 | 3 | 8 | - | 29·6 | - | 53·1 | 29·7 | 39·7 | 4·28 | 0·00 | 0·00 | Wolverhampton. |
| Birmingham - | 510,343 | 362 | 217 | 46 | 50 | - | 11 | - | 6 | 4 | 3 | 2 | 5 | 8 | 38 | 8 | 22·2 | 2·7 | - | - | - | - | - | - | Birmingham. |
| Norwich - - | 111,699 | 60 | 62 | 14 | 28 | - | - | - | - | 1 | 2 | - | - | 1 | 6 | - | 28·9 | 1·4 | 51·2 | 29·0 | 40·5 | 4·72 | 0·05 | 0·13 | Norwich. |
| Leicester - - | 208,662 | 129 | 69 | 26 | 15 | - | 1 | 2 | 1 | - | 2 | - | 2 | 4 | 7 | 1 | 17·2 | 1·5 | - | - | - | - | - | - | Leicester. |
| Nottingham - | 236,137 | 120 | 67 | 13 | 23 | - | 1 | - | - | 1 | 2 | - | 3 | 3 | 11 | 1 | 14·8 | 0·9 | 55·0 | 30·0 | 40·4 | 4·67 | 0·03 | 0·08 | Nottingham. |
| Derby - - - | 104,834 | 48 | 39 | 5 | 10 | - | 4 | - | - | 2 | 1 | - | 1 | 3 | 2 | - | 19·4 | 3·5 | - | - | - | - | - | - | Derby. |
| Birkenhead - | 113,189 | 70 | 28 | 7 | 8 | - | 2 | - | 1 | - | 2 | - | 4 | 4 | 3 | - | 12·9 | 2·3 | - | - | - | - | - | - | Birkenhead. |
| Liverpool - - | 633,645 | 499 | 307 | 66 | 76 | - | 5 | 2 | 4 | 9 | 1 | 3 | 11 | 18 | 75 | 11 | 25·3 | 2·0 | 51·4 | 34·3 | 42·6 | 5·89 | 0·06 | 0·15 | Liverpool. |
| Bolton - - | 122,495 | 85 | 42 | 9 | 12 | - | - | - | - | - | - | 3 | 1 | 3 | 6 | - | 17·9 | 1·3 | - | - | - | - | - | - | Bolton. |
| Manchester - | 539,079 | 337 | 213 | 46 | 50 | - | 2 | 3 | - | 4 | 2 | 3 | 6 | 21 | 54 | 4 | 20·6 | 1·4 | - | - | - | - | - | - | Manchester. |
| Salford - - | 215,702 | 161 | 81 | 22 | 13 | - | 1 | 2 | - | - | 2 | 3 | 5 | 8 | 9 | 2 | 19·6 | 1·9 | - | - | - | - | - | - | Salford. |
| Oldham - - | 148,288 | 74 | 47 | 10 | 7 | - | 6 | - | 1 | 1 | - | 1 | 1 | 2 | 3 | - | 16·5 | 3·2 | - | - | - | - | - | - | Oldham. |
| Burnley - - | 109,546 | 73 | 31 | 10 | 3 | - | 2 | - | 1 | - | 1 | - | 3 | 4 | 3 | - | 14·8 | 1·9 | - | - | - | - | - | - | Burnley. |
| Blackburn - - | 133,228 | 56 | 51 | 10 | 12 | - | 2 | - | - | - | 2 | 1 | 3 | 5 | 9 | 2 | 20·0 | 2·0 | - | - | - | - | - | - | Blackburn. |
| Preston - - | 116,356 | 78 | 41 | 13 | 6 | - | - | - | 2 | - | 1 | 1 | - | - | 4 | 2 | 18·4 | 1·8 | - | - | - | - | - | - | Preston. |
| Huddersfield - | 102,454 | 56 | 24 | 4 | 9 | - | - | 2 | - | - | 1 | - | - | - | 3 | - | 12·2 | 1·5 | 50·3 | 33·0 | 41·4 | 5·22 | 0·02 | 0·05 | Huddersfield. |
| Halifax - - | 96,729 | 45 | 40 | 6 | 14 | - | 4 | - | - | - | - | 1 | 2 | 3 | 1 | - | 21·6 | 2·7 | - | - | - | - | - | - | Halifax. |
| Bradford - - | 233,737 | 105 | 64 | 10 | 14 | - | - | - | - | - | - | 1 | 2 | 5 | 5 | - | 14·3 | 0·2 | 58·4 | 34·8 | 46·3 | 7·94 | 0·25 | 0·63 | Bradford. |
| Leeds - - - | 416,618 | 242 | 158 | 40 | 43 | - | 4 | 1 | 2 | 7 | 1 | 1 | 6 | 19 | 10 | - | 19·8 | 2·0 | - | - | - | - | - | - | Leeds. |
| Sheffield - - | 356,478 | 255 | 129 | 36 | 21 | - | 11 | 2 | 1 | 5 | 5 | 1 | 2 | 3 | 16 | 1 | 18·9 | 3·7 | - | - | - | - | - | - | Sheffield. |
| Hull - - - | 229,887 | 156 | 79 | 13 | 19 | - | 2 | - | 1 | 1 | 1 | 1 | 2 | 6 | 10 | - | 17·9 | 1·4 | 52·0 | 29·0 | 40·4 | 4·67 | 0·00 | 0·00 | Hull. |
| Sunderland - | 143,849 | 122 | 57 | 12 | 14 | - | 3 | 1 | - | - | 1 | - | 1 | 7 | 5 | - | 20·7 | 1·8 | - | - | - | - | - | - | Sunderland. |
| Gateshead - - | 103,775 | 83 | 34 | 14 | 4 | - | 3 | 1 | - | - | 1 | 1 | 2 | 5 | - | - | 17·1 | 3·0 | - | - | - | - | - | - | Gateshead. |
| Newcastle - | 223,021 | 161 | 83 | 19 | 17 | - | 1 | - | 1 | 1 | 1 | 1 | 3 | 7 | 10 | 1 | 19·4 | 1·2 | - | - | - | - | - | - | Newcastle. |

* See note * on first page of this return.

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the SECOND Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2556 | 2671 | 2818 | 761 | 2680 | 2715 | 2867 | 2922 | 2454 | 2928 | 2880·3 | 2703 |
| Males - - | 1293 | 1329 | 1484 | 1363 | 1356 | 1375 | 1444 | 1498 | 1218 | 1519 | 1460·4 | 1382 |
| Females - | 1263 | 1342 | 1334 | 1398 | 1324 | 1340 | 1423 | 1424 | 1236 | 1409 | 1419·9 | 1321 |
| TOTAL **Deaths** - | 1940 | 2075 | 2747 | 2513 | 3271 | 2503 | 2461 | 1622 | 1540 | 1538 | 2337·1 | 1982 |
| Males - - | 961 | 1023 | 1436 | 1163 | 1525 | 1193 | 1236 | 806 | 767 | 765 | 1144·4 | 997 |
| Females - - | 979 | 1052 | 1311 | 1350 | 1746 | 1310 | 1225 | 816 | 773 | 773 | 1192·7 | 985 |

* The numbers in this column are the average weekly numbers in the second week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | Oct. 23. | Oct. 30. | Nov. 6. | Nov. 13. | Nov. 20. | Nov. 27. | Dec. 4. | Dec. 11. | Dec. 18. | Dec. 25. | Jan. 1. | Jan. 8. | Jan. 15. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** - - - | 2610 | 2540 | 2748 | 2507 | 2780 | 2523 | 2459 | 2489 | 2623 | 2106 | 2363 | 3001 | 2703 |
| TOTAL **Deaths** - - - | 1442 | 1514 | 1585 | 1660 | 1617 | 1794 | 1725 | 1866 | 1796 | 1555 | 2360 | 1990 | 1982 |
| Ages at Death: Under 1 year - - | 366 | 358 | 395 | 433 | 430 | 417 | 399 | 411 | 362 | 339 | 443 | 345 | 373 |
| 1—5 years - - | 189 | 239 | 286 | 291 | 264 | 343 | 303 | 353 | 313 | 277 | 456 | 361 | 353 |
| 5—20 " - - | 95 | 104 | 104 | 90 | 101 | 107 | 89 | 84 | 103 | 82 | 111 | 90 | 85 |
| 20—40 " - - | 178 | 200 | 204 | 181 | 184 | 210 | 190 | 202 | 198 | 187 | 267 | 231 | 225 |
| 40—60 " - - | 253 | 278 | 287 | 280 | 302 | 324 | 315 | 343 | 316 | 262 | 436 | 389 | 385 |
| 60—80 " - - | 291 | 273 | 264 | 321 | 283 | 320 | 341 | 373 | 410 | 321 | 544 | 472 | 470 |
| 80 years and upwards | 70 | 62 | 45 | 64 | 53 | 73 | 88 | 100 | 89 | 87 | 103 | 102 | 91 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox - - - - | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Measles - - - - - | 48 | 58 | 74 | 78 | 86 | 120 | 108 | 122 | 134 | 112 | 166 | 130 | 134 |
| Scarlet Fever - - - | 16 | 22 | 20 | 20 | 27 | 27 | 21 | 18 | 19 | 9 | 11 | 19 | 15 |
| Diphtheria - - - - | 55 | 65 | 59 | 46 | 37 | 63 | 52 | 58 | 63 | 56 | 53 | 50 | 44 |
| Whooping-cough - - - | 28 | 17 | 19 | 25 | 29 | 35 | 38 | 46 | 45 | 57 | 76 | 65 | 76 |
| Typhus - - - - - | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| Enteric Fever - - - | 22 | 23 | 24 | 20 | 15 | 21 | 16 | 14 | 23 | 5 | 14 | 10 | 9 |
| Simple Continued Fever - | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Diarrhœa and Dysentery .. | 22 | 16 | 20 | 21 | 8 | 13 | 15 | 12 | 11 | 6 | 13 | 10 | 10 |
| Cholera - - - - - - | – | – | – | – | – | 1 | – | – | – | – | – | – | – |
| All the above Diseases - | 192 | 202 | 216 | 210 | 202 | 280 | 250 | 270 | 295 | 245 | 333 | 284 | 288 |
| Dis. of Respiratory System - | 279 | 326 | 363 | 419 | 414 | 471 | 418 | 468 | 458 | 353 | 700 | 533 | 516 |
| Phthisis - - - - - | 136 | 160 | 174 | 149 | 155 | 164 | 147 | 168 | 157 | 160 | 201 | 180 | 212 |
| Dis. of Circulatory System - | 131 | 121 | 110 | 138 | 131 | 152 | 164 | 151 | 151 | 131 | 167 | 186 | 161 |
| Violence - - - - | 43 | 58 | 76 | 43 | 74 | 74 | 58 | 64 | 60 | 79 | 117 | 79 | 77 |
| Inquest Cases - - - - | 108 | 131 | 155 | 123 | 179 | 169 | 144 | 153 | 146 | 158 | 251 | 205 | 173 |
| Deaths in Public Institutions - | 431 | 465 | 474 | 468 | 435 | 590 | 461 | 532 | 513 | 413 | 603 | 533 | 533 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean - - - - - - | 53°·7 | 49°·8 | 45°·7 | 48°·0 | 47°·5 | 43°·4 | 39°·0 | 41°·7 | 46°·2 | 35°·8 | 45°·1 | 43°·4 | 41°·8 |
| Mean of Highest readings - | 61·0 | 59·0 | 50·7 | 52·0 | 53·4 | 48·0 | 44·0 | 47·5 | 50·8 | 40·3 | 48·7 | 48·9 | 44·6 |
| Mean of Lowest readings - | 47·8 | 41·7 | 41·8 | 42·7 | 41·5 | 38·2 | 32·7 | 36·4 | 40·1 | 30·0 | 40·7 | 37·1 | 37·6 |
| Humidity of the Air - - | 84 | 89 | 86 | 92 | 84 | 91 | 79 | 82 | 87 | 88 | 87 | 89 | 85 |
| Rain-fall (in inches) - - | 0·11 | 0·13 | 0·00 | 0·18 | 0·34 | 0·38 | 0·15 | 0·36 | 0·63 | 0·02 | 0·66 | 0·49 | 0·00 |
| Registered Sunshine (in hours) | 22·4 | 30·6 | 19·1 | 3·7 | 11·1 | 7·9 | 14·3 | 9·1 | 13·5 | 12·9 | 5·0 | 11·1 | 3·5 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox - - - - - | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Scarlet Fever - - - - | 3685 | 3682 | 3680 | 3777 | 3792 | 3818 | 3812 | 3806 | 3733 | 3619 | 3572 | 3450 | 3253 |
| Diphtheria - - - - | 1057 | 1043 | 1056 | 1066 | 1064 | 1052 | 1055 | 1110 | 1109 | 1086 | 1070 | 1062 | 1023 |
| Enteric Fever - - - - | 180 | 175 | 166 | 160 | 163 | 155 | 155 | 151 | 138 | 129 | 116 | 111 | 110 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Boobbyer, Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the SECOND Week of the Year 1898.

| CAUSES OF DEATH. | Corrected Averages for the 2nd Week of the 10 years 1888–97*. | In the Week ending Saturday, 15th January 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0–1. | 1–5. | 5–20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES - - - | 2337·1 | 1982 | 373 | 353 | 85 | 225 | 385 | 470 | 91 |
| Small-pox { Vaccinated† - | 0·3 | - | - | - | - | - | - | - | - |
| Small-pox { Unvaccinated | 0·1 | - | - | - | - | - | - | - | - |
| Small-pox { No Statement | 0·4 | - | - | - | - | - | - | - | - |
| Measles - - - - | 62·4 | 134 | 24 | 105 | 5 | - | - | - | - |
| Scarlet Fever - - - | 20·8 | 15 | 1 | 11 | 3 | - | - | - | - |
| Typhus - - - - | - | - | - | - | - | - | - | - | - |
| Relapsing Fever - - | - | - | - | - | - | - | - | - | - |
| Influenza - - - - | 49·8 | 40 | 1 | 1 | - | 5 | 12 | 20 | 1 |
| Whooping-cough - - | 80·5 | 76 | 29 | 47 | - | - | - | - | - |
| Diphtheria - - - | 38·4 | 44 | 5 | 25 | 13 | 1 | - | - | - |
| Simple Continued and Ill-defined Fever - | 0·6 | - | - | - | - | - | - | - | - |
| Enteric Fever - - - | 14·0 | 9 | - | - | - | 6 | 3 | - | - |
| Cholera and Chol. Diarr. | 0·1 | - | - | - | - | - | - | - | - |
| Diarrhœa, Dysentery - | 14·4 | 10 | 7 | 1 | - | - | 1 | 1 | - |
| Remittent Fever - - | - | - | - | - | - | - | - | - | - |
| Hydrophobia - - - | - | - | - | - | - | - | - | - | - |
| Glanders - - - - | - | - | - | - | - | - | - | - | - |
| Cowpox and Effects of Vaccination - - | 0·4 | - | - | - | - | - | - | - | - |
| Venereal Affections - - | 10·3 | 7 | 5 | - | - | 1 | - | 1 | - |
| Erysipelas - - - | 6·4 | 2 | 1 | - | - | - | - | 1 | - |
| Pyæmia and Septicæmia | 2·1 | 4 | 2 | - | 1 | 1 | - | - | - |
| Puerperal Fever - - | 8·2 | 4 | - | - | - | 4 | - | - | - |
| Other Zymotic Diseases | 2·2 | 1 | - | - | - | - | - | 1 | - |
| Thrush - - - - | 1·1 | - | - | - | - | - | - | - | - |
| Worms and other Parasitical Diseases - | 0·2 | - | - | - | - | - | - | - | - |
| Starvation, Want of Breast-milk - - | 2·3 | 2 | 2 | - | - | - | - | - | - |
| Alcoholism - - - | 10·7 | 17 | - | - | - | 2 | 12 | 3 | - |
| Rheumatic Fever, Rheumatism of Heart | 9·3 | 8 | - | - | 5 | - | 2 | 1 | - |
| Rheumatism - - - | 2·0 | 4 | - | - | - | - | 2 | 2 | - |
| Gout - - - - - | 3·9 | 4 | - | - | - | - | 3 | 1 | - |
| Rickets - - - - | 5·9 | 3 | 1 | 2 | - | - | - | - | - |
| Cancer - - - - - | 66·2 | 64 | - | - | - | 5 | 26 | 32 | 1 |
| Tabes Mesenterica - - | 19·2 | 14 | 6 | 5 | 2 | 1 | - | - | - |
| Tubercular Meningitis - | 21·6 | 19 | 5 | 6 | 7 | 1 | - | - | - |
| Phthisis - - - - | 207·5 | 212 | 4 | 8 | 10 | 104 | 76 | 10 | - |
| Scrofula, Tuberculosis - | 18·9 | 10 | 3 | 4 | 2 | - | 1 | - | - |
| Other Constitutional Diseases - - | 15·9 | 9 | 1 | - | 1 | - | 3 | 2 | 2 |
| Premature Birth - - | 50·2 | 44 | 43 | 1 | - | - | - | - | - |
| Atelectasis - - - | 4·0 | 6 | 6 | - | - | - | - | - | - |
| Congenital Malformations - - - | 7·5 | 8 | 8 | - | - | - | - | - | - |
| Old Age - - - - | 70·2 | 67 | - | - | - | - | - | 39 | 28 |
| Apoplexy - - - | 56·9 | 47 | - | - | - | 3 | 14 | 23 | 7 |
| Epilepsy - - - - | 9·5 | 6 | - | - | 1 | 1 | 2 | 2 | - |
| Convulsions - - - | 50·2 | 40 | 38 | 2 | - | - | - | - | - |
| Other Diseases of Brain and Nervous System | 104·3 | 94 | 8 | 12 | 4 | 8 | 24 | 30 | 8 |
| Diseases of Organs of Special Sense - | 2·9 | 3 | - | 1 | 1 | - | - | 1 | - |

| CAUSES OF DEATH | Corrected Averages for the 2nd Week of the 10 years 1888–97*. | In the Week ending Saturday, 15th January 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0–1. | 1–5. | 5–20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 209·7 | 161 | - | - | 7 | 18 | 60 | 68 | 8 |
| Croup - - - - | 9·8 | 3 | - | 3 | - | - | - | - | - |
| Bronchitis - - - | 507·1 | 316 | 48 | 39 | 1 | 11 | 53 | 138 | 26 |
| Pneumonia - - - | 191·8 | 147 | 34 | 44 | 6 | 13 | 25 | 23 | 2 |
| Pleurisy - - - - | 6·0 | 8 | 3 | 3 | - | 1 | 1 | - | - |
| Other Diseases of Respiratory System - | 56·2 | 42 | 2 | 8 | 1 | 1 | 10 | 17 | 3 |
| Dentition - - - - | 9·7 | 7 | 4 | 3 | - | - | - | - | - |
| Quinsy, Sore Throat - | 1·7 | 4 | - | 2 | 1 | 1 | - | - | - |
| Enteritis - - - - | 12·7 | 15 | 7 | 1 | 3 | 1 | 2 | 1 | - |
| Peritonitis - - - | 8·1 | 2 | - | - | - | 1 | 1 | - | - |
| Diseases of Liver - - | 25·4 | 24 | 3 | - | - | 1 | 7 | 11 | 2 |
| Other Diseases of Digestive System | 34·6 | 32 | 6 | 1 | - | 8 | 8 | 9 | - |
| Diseases of Lymphatic System & of Ductless Glands - - - | 1·9 | 2 | - | 1 | - | - | 1 | - | - |
| Diseases of Urinary System - - - | 51·9 | 49 | 1 | 2 | 2 | 7 | 13 | 23 | 1 |
| Diseases of Generative System - - - | 5·5 | 3 | - | - | 1 | - | 2 | - | - |
| Accidents of Childbirth - | 5·2 | 3 | - | - | - | 1 | 2 | - | - |
| Diseases of Locomotive System - - - | 6·5 | 8 | 1 | 2 | 2 | 1 | 1 | 1 | - |
| Diseases of Integumentary System - - | 6·6 | 7 | 4 | - | - | 1 | 1 | 1 | - |
| VIOLENT DEATHS‡ (ACCIDENT.) | | | | | | | | | |
| By Railways - - - | 65·5 | 4 | - | - | - | 1 | 2 | 1 | - |
| By Vehicles or Horses - | | 7 | - | - | 2 | 2 | 2 | - | 1 |
| In Ships, Boats, Docks. (exclusive of Drowning) - - - | | 1 | - | - | - | 1 | - | - | - |
| In Building Operations - | | - | - | - | - | - | - | - | - |
| In Conflagrations - - | | - | - | - | - | - | - | - | - |
| By Burns, Scalds, Explosions - - | | 8 | 1 | 3 | 2 | 1 | - | - | 1 |
| By Drowning - - - | | 4 | - | - | - | 1 | 3 | - | - |
| By Suffocation in Bed - | | 17 | 16 | 1 | - | - | - | - | - |
| By Poisons or Poisonous Vapours - - | | 4 | - | 2 | - | 2 | - | - | - |
| Other or not stated causes - - - | | 19 | 4 | 2 | 2 | 1 | 6 | 4 | - |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - | 1·2 | 1 | - | - | - | 1 | - | - | - |
| Suicide - - - - | 6·7 | 12 | - | - | - | 6 | 3 | 3 | - |
| Execution - - - | - | - | - | - | - | - | - | - | - |
| OTHER CAUSES - - | 61·5 | 45 | 39 | 5 | - | - | 1 | - | - |

* The numbers in this column are the average weekly deaths for the ten years 1888–97, raised by 5·230 per cent. for increase of population.

† Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

‡ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter or suicide. All such cases are classed under "accident."

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 15th January, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2703 | 1982 | 373 | 561 | - | 134 | 15 | 44 | 76 | - | 9 | - | 10 | 77 | 173 | 533 | 15 |
| WEST DISTRICTS - - - | 778,251 | 394 | 342 | 66 | 103 | - | 21 | 8 | 5 | 7 | - | 1 | - | 1 | 10 | 31 | 116 | - |
| NORTH DISTRICTS - - - | 1,040,694 | 578 | 468 | 75 | 158 | - | 30 | - | 22 | 15 | - | 3 | - | 2 | 21 | 43 | 113 | 1 |
| CENTRAL DISTRICTS - - - | 233,635 | 125 | 118 | 24 | 20 | - | 8 | - | 2 | 4 | - | - | - | - | 2 | 6 | 48 | 1 |
| EAST DISTRICTS - - - | 716,334 | 580 | 353 | 73 | 70 | - | 18 | - | 5 | 34 | - | 1 | - | 2 | 17 | 44 | 98 | - |
| SOUTH DISTRICTS - - - | 1,642,796 | 1026 | 675 | 135 | 200 | - | 57 | 6 | 10 | 16 | - | 4 | - | 5 | 27 | 49 | 132 | 13 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | -- | - | 26 | - | 10 | - | - | 1 | - | - | - | - | - | - | - | - | 26 | - |
| WEST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 53 | 42 | 10 | 14 | - | 1 | 1 | - | 1 | - | - | - | - | 3 | 6 | 9 | - |
| St. John Paddington *H* - - G. | 33,510 | 11 | 10 | 1 | 4 | - | - | - | - | - | - | 1 | - | - | - | - | 3 | - |
| Kensington Town *Ww* - - W. | 122,164 | 59 | 71 | 12 | 26 | - | 2 | - | - | 1 | - | - | - | - | 1 | 5 | 30 | - |
| Brompton *H* - - - W. & C. | 48,301 | 7 | 21 | 4 | 4 | - | - | - | - | - | - | - | - | - | 1 | 2 | 6 | - |
| St. Peter Hammersmith - - W. | 9,097 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Paul Hammersmith *HH* W. & G. | 25,102 | 70 | 25 | 7 | 4 | - | 2 | - | - | - | - | - | - | 1 | 1 | 2 | 6 | - |
| Fulham *Ww* - - - W. & C. | 113,781 | 84 | 57 | 10 | 15 | - | 6 | 7 | 3 | 2 | - | - | - | - | 1 | 7 | 22 | - |
| Chelsea Kensal Town - - C. | 21,450 | 10 | 9 | 1 | 5 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| Chelsea North *WHHHHH* - C. | 42,057 | 23 | 22 | 5 | 6 | - | 5 | - | - | - | - | - | - | - | - | 1 | 11 | - |
| Chelsea South *HH* - - C. | 33,139 | 17 | 19 | 4 | 4 | - | - | - | 1 | - | - | - | - | - | 1 | 2 | 4 | - |
| May Fair *W* - - - - G. | 23,827 | 3 | 8 | 1 | 6 | - | - | - | - | - | - | - | - | - | - | - | 7 | - |
| Belgrave *WHHH* - - - C. | 56,140 | 20 | 19 | 4 | 2 | - | 2 | - | - | 1 | - | - | - | - | 1 | 2 | 8 | - |
| St. John Westminster *HH* - C. | 31,492 | 14 | 15 | 2 | 4 | - | 3 | - | - | 2 | - | - | - | - | - | 2 | 1 | - |
| St. Margaret Westminster *H*- C. | 22,097 | 1 | 11 | 1 | 3 | - | - | - | 1 | - | - | - | - | - | 1 | 1 | 6 | - |
| St. James Westminster *WHH* N. & G. | 23,050 | 12 | 12 | 4 | 6 | - | - | - | - | - | - | - | - | - | - | - | 3 | - |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 5 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| NORTH DISTRICTS. | | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - W. | 36,595 | 12 | 17 | 3 | 4 | - | 2 | - | - | - | - | - | - | - | 2 | 2 | 5 | - |
| Rectory Marylebone *W* G. & W. | 19,798 | 9 | 8 | 1 | 3 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 26 | 4 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Christchurch Marylebone *H* - W. | 32,547 | 20 | 8 | - | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. John Marylebone *HHH* W. | 32,611 | 22 | 16 | 2 | 7 | - | 1 | - | - | - | - | - | - | 1 | - | 2 | - | - |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 32 | 33 | 4 | 12 | - | 3 | - | 7 | 5 | - | - | - | - | 1 | 2 | 7 | - |
| Regent's Park Pancras *HH* - W. | 37,341 | 18 | 7 | 3 | 3 | - | 1 | - | - | - | - | - | - | - | - | 1 | - | - |
| Tottenham-court *wHHH* - N. & W. | 26,757 | 15 | 21 | 4 | 2 | - | - | - | - | - | - | - | - | - | - | 3 | 10 | - |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 17 | 10 | 4 | 3 | - | - | - | 1 | - | - | - | - | - | 3 | 5 | 4 | - |
| Somers Town *HH* - - - N. | 32,161 | 24 | 6 | - | 2 | - | 1 | - | - | - | - | - | - | - | - | 1 | 2 | - |
| Camden Town *WH* - - N. | 16,669 | 9 | 24 | 1 | 17 | - | - | - | - | - | - | - | - | - | 4 | 4 | 20 | - |
| Kentish Town *WW* - - N. | 98,410 | 40 | 39 | 8 | 12 | - | 1 | - | 1 | 2 | - | - | - | - | 1 | 4 | 6 | - |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 54 | 63 | 7 | 20 | - | 6 | - | 2 | - | - | - | - | - | - | 1 | 27 | - |
| Islington South-west *H* - N. | 107,365 | 67 | 50 | 13 | 14 | - | 6 | - | 1 | - | - | - | - | - | 3 | 5 | - | 1 |
| Islington South-east - - N. | 66,549 | 39 | 30 | 2 | 14 | - | 1 | - | 2 | - | - | - | - | - | - | 1 | - | - |
| Highbury *HH* - - - N. | 64,577 | 31 | 22 | 1 | 8 | - | 1 | - | - | 2 | - | - | - | - | 2 | 3 | 1 | - |
| Stoke Newington *H* - - N. | 33,485 | 15 | 14 | 1 | 8 | - | - | - | - | 2 | - | - | - | - | - | - | - | - |
| North Hackney - - E. & N. | 213,044 | 21 | 14 | 3 | 4 | - | 1 | - | - | - | - | - | - | - | 1 | 1 | - | - |
| Central Hackney *ww* - E. & N. | | 35 | 22 | 7 | 4 | - | 2 | - | 7 | - | - | 2 | - | - | 1 | 1 | 7 | - |
| South-west Hackney *HHH* E. & N. | | 35 | 26 | 6 | 7 | - | 1 | - | 1 | 1 | - | 1 | - | 1 | 3 | 5 | 5 | - |
| South-east Hackney *WwH* E. & N. | | 37 | 34 | 5 | 9 | - | 3 | - | - | 3 | - | - | - | - | - | 2 | 18 | - |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers are received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. The Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River; E. East London; and K. the Kent Company.

* See note † on first page of this Return.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 15th January, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population. 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **CENTRAL DISTRICTS.** | | | | | | | | | | | | | | | | | | |
| St. George Bloomsbury - - N. | 16,110 | 5 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| St. Giles South *WH* - - N. | 12,976 | 5 | 9 | – | 3 | – | – | – | – | – | – | – | – | – | – | – | 8 | – |
| St. Giles North *H* - - - N. | 9,151 | 2 | 4 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| St. Martin-in-the-Fields *HH* N. & C. | 13,077 | 2 | 5 | – | – | – | – | – | 1 | – | – | – | – | – | – | – | 4 | – |
| Strand *WHH* - - - - N. | 11,839 | 4 | 10 | 1 | 1 | – | 1 | – | – | – | – | – | – | – | 1 | 1 | 6 | – |
| *Strand Union Workhouse, Edmonton* | †*1,037* | – | 3 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 3 | – |
| Holborn *wHHHHHHH* - N. | 31,042 | 17 | 20 | 7 | 4 | – | 2 | – | 1 | – | – | – | – | – | – | 1 | 8 | – |
| St. James Clerkenwell - - N. | 15,777 | 9 | 6 | 3 | – | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Amwell Clerkenwell - - N. | 34,356 | 20 | 17 | 4 | 4 | – | 1 | – | – | 4 | – | – | – | – | – | 2 | – | – |
| Goswell-street - - - - N. | 16,069 | 9 | 7 | 3 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| City-road *HHHL* - - - N. | 29,897 | 38 | 14 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | 1 | 5 | – |
| Whitecross-street - - - N. | 7,595 | 4 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Finsbury - - - - - N. | 4,035 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| *Holborn Union Workhouse, Mitcham* - - - - | †*892* | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| St. Botolph *H* - - N. & E. | 6,870 | 5 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Cripplegate - - - - N. | 3,299 | – | 1 | – | – | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| St. Sepulchre *WH* - - - N. | 9,591 | 2 | 15 | 2 | 1 | – | 1 | – | – | – | – | – | – | – | 1 | 1 | 13 | 1 |
| Allhallows Barking - - - N. | 9,059 | 1 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Broad Street *H* - - - N. | 2,892 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| *City of London Asylum, Stone* - - | †*388* | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| **EAST DISTRICTS.** | | | | | | | | | | | | | | | | | | |
| Shoreditch South *Hl* - E. & N. | 17,975 | 13 | 2 | 1 | – | – | 1 | – | – | – | – | – | – | – | – | 1 | – | – |
| Hoxton New Town *w* - - N. | 29,575 | 16 | 22 | 5 | 7 | – | 1 | – | – | 2 | – | – | – | – | – | 1 | 4 | – |
| Hoxton Old Town - - - N. | 27,645 | 18 | 20 | 5 | 2 | – | – | – | – | 2 | – | – | – | – | 1 | 1 | – | – |
| Haggerston *WH* - - N. & E. | 47,163 | 35 | 25 | 5 | 4 | – | 2 | – | – | 5 | – | – | – | – | 3 | 5 | 5 | – |
| Bethnal Green North *H* - E. | 49,301 | 38 | 24 | 8 | 3 | – | 1 | – | 1 | 4 | – | – | – | – | 2 | 4 | – | – |
| Bethnal Green South - - E. | 34,194 | 25 | 11 | 4 | – | – | – | – | – | 3 | – | – | – | – | – | – | – | – |
| Bethnal Green East *WHl* - E. | 45,667 | 35 | 33 | 6 | 10 | – | 1 | – | 1 | 2 | – | – | – | 1 | 1 | 1 | 15 | – |
| Spitalfields - - - E. & N. | 26,681 | 27 | 7 | 2 | 2 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| Mile End New Town *W* - E. | 12,816 | 22 | 9 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | 7 | – |
| Whitechapel Church *H* - E. & N. | 25,561 | 21 | 18 | 1 | 3 | – | – | – | – | – | – | – | – | – | 2 | 4 | 16 | – |
| Goodman's Fields - - - E. | 13,618 | 7 | 5 | – | – | – | – | – | – | – | – | – | – | – | 2 | 3 | – | – |
| St. George's North - - - E. | 39,576 | 39 | 8 | 3 | 2 | – | – | – | – | 2 | – | – | – | 1 | 1 | 1 | – | – |
| St. John, St. George East *W* E. | 7,930 | 3 | 11 | – | 3 | – | 1 | – | – | – | – | – | – | – | 1 | 3 | 11 | – |
| Shadwell *H* - - - E. & N. | 10,434 | 5 | 7 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | 5 | – |
| Ratcliff *W* - - - - E. | 14,954 | 4 | 2 | – | 2 | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| Limehouse - - - - E. | 32,917 | 45 | 9 | – | 3 | – | 1 | – | – | 1 | – | – | – | – | – | – | – | – |
| Mile End Old Town West *H* E. | 111,060 | 50 | 15 | 5 | 3 | – | – | – | – | 3 | – | – | – | – | – | 1 | 2 | – |
| Mile End Old Town East *WWww* - E. | | 52 | 25 | 6 | 10 | – | – | – | 1 | 1 | – | – | – | – | – | 1 | 12 | – |
| Bow *l* - - - - - E. | 41,687 | 26 | 24 | 2 | 5 | – | 2 | – | 1 | 3 | – | – | – | – | 1 | 4 | 2 | – |
| Bromley *wwwH* - - - E. | 69,821 | 57 | 47 | 10 | 7 | – | 2 | – | 1 | 5 | – | – | – | – | 1 | 8 | 19 | – |
| Poplar *WW* - - - - E. | 57,759 | 42 | 29 | 6 | 3 | – | 6 | – | – | 1 | – | 1 | – | – | 1 | 4 | – | – |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 15th January, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WHL*.&S. | 13,064 | 5 | 5 | 1 | 1 | – | 1 | – | – | 1 | – | – | – | – | 1 | 1 | 1 | 1 |
| St. Saviour Southwark - - S. | 12,301 | 5 | 5 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | 2 |
| Kent-road - - - - S. & L. | 22,879 | 25 | 16 | 4 | 2 | – | 4 | – | – | – | – | – | – | – | – | – | – | – |
| Borough-road *WH* - S. & L. | 16,083 | 8 | 9 | 3 | 2 | – | – | – | – | – | – | – | – | – | 1 | 3 | 2 | – |
| London-road *HL* - - L. & S. | 21,316 | 11 | 6 | – | 1 | – | 1 | – | – | – | – | – | – | – | 1 | 1 | 1 | – |
| Trinity Newington - - S. & L. | 28,723 | 19 | 19 | 3 | 4 | – | 2 | – | – | – | – | – | – | – | 1 | 2 | – | – |
| St. Peter Walworth *W* - S. & L. | 62,045 | 43 | 29 | 4 | 10 | – | 5 | – | – | – | – | – | – | – | 2 | 4 | 2 | – |
| St. Mary Newington- - L. & S. | 30,171 | 21 | 10 | 5 | 2 | – | 1 | – | – | – | – | – | – | – | 1 | 1 | – | – |
| St. Olave *WH*- - - - S. | 11,731 | 5 | 14 | 1 | – | – | 2 | – | – | – | – | – | – | – | 3 | 3 | 11 | – |
| Leather Market *W* - S & L. | 32,339 | 25 | 10 | 4 | 2 | – | 1 | – | – | – | – | – | – | – | 1 | 1 | – | – |
| St. James Bermondsey - - S. | 53,136 | 33 | 19 | 6 | 3 | – | 1 | – | 1 | – | – | – | – | – | 1 | 3 | – | – |
| Rotherhithe *WwH* - S. & K. | 40,379 | 34 | 16 | 2 | 7 | – | – | – | – | – | – | – | – | – | – | – | 9 | 2 |
| Waterloo-road *HH* - L. & S. | 28,396 | 36 | 8 | 1 | – | – | 1 | – | – | – | – | – | – | – | – | 1 | 2 | 1 |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 11 | 21 | 4 | 4 | – | – | 1 | – | – | – | – | – | – | 1 | 2 | 9 | 1 |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 18 | 23 | – | 14 | – | 2 | – | – | – | – | 1 | – | – | – | 1 | 17 | – |
| Kennington 1st *H* - - S. & L. | 52,486 | 40 | 31 | 7 | 10 | – | 8 | – | 1 | 4 | – | – | – | – | 1 | 1 | – | – |
| Kennington 2nd - - S. & L. | 43,244 | 24 | 11 | 1 | 6 | – | – | – | – | 1 | – | 1 | – | – | – | – | – | – |
| Brixton *w* - - - L. & S | 81,825 | 47 | 34 | 5 | 13 | – | – | – | – | – | – | 2 | – | – | – | – | 1 | 1 |
| Norwood *WH*- - - - L. | 29,318 | 16 | 5 | 3 | 1 | – | – | – | – | 1 | – | – | – | 1 | – | – | – | – |
| East Battersea - - - - S. | 71,730 | 48 | 27 | 5 | 6 | – | 3 | 1 | 1 | 2 | – | – | – | – | 2 | 3 | – | – |
| West Battersea *WwH* - - S | 93,385 | 64 | 37 | 7 | 9 | – | 9 | – | – | 1 | – | – | – | – | 1 | 1 | 12 | – |
| Clapham *H* - - - - S. | 46,953 | 21 | 13 | 2 | 3 | – | – | – | – | – | – | – | – | – | – | 1 | 2 | 1 |
| Wandsworth *WHHL* - - S. | 58,101 | 40 | 22 | 11 | 4 | – | – | – | 1 | – | – | – | – | – | 1 | 2 | 1 | – |
| Putney - - - - - S. | 20,566 | 10 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Streatham *Wwww*- - - L. | 61,644 | 29 | 24 | 2 | 9 | – | 1 | 4 | – | – | – | – | – | 1 | – | – | 11 | – |
| Dulwich - - - - L. & S. | 7,519 | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Camberwell *Wwll* - S. & L. | 90,286 | 47 | 58 | 11 | 22 | – | 4 | – | 1 | 2 | – | – | – | 1 | – | 5 | 23 | – |
| Peckham *WW* - S., L., & K. | 88,242 | 48 | 29 | 8 | 6 | – | 6 | – | – | 1 | – | – | – | – | 1 | 1 | – | 2 |
| St. George Camberwell - L. & S. | 67,029 | 53 | 21 | 3 | 8 | – | 1 | – | – | – | – | – | – | – | 1 | 2 | – | – |
| Deptford North - - - K. | 36,152 | 39 | 11 | 4 | 1 | – | 1 | – | – | 1 | – | – | – | 2 | – | – | – | – |
| Deptford Central *w* - - K. | 45,441 | 31 | 24 | 4 | 7 | – | 1 | – | 2 | – | – | – | – | – | – | 3 | 4 | – |
| Deptford South - - - K. | 33,402 | 15 | 8 | 2 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Greenwich West *H* - - K. | 23,012 | 9 | 8 | 4 | 3 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Greenwich East *WH* - - K. | 37 767 | 18 | 23 | 5 | 8 | – | – | – | – | 1 | – | – | – | – | 1 | 1 | 11 | – |
| Eltham *wH* - - - - K. | 5,911 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Lee *H* - - - - - K. | 24,222 | 8 | 4 | – | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| Lewisham *WwH* - - - K. | 38,139 | 35 | 13 | 4 | 6 | – | 1 | – | – | – | – | – | – | – | 1 | 1 | 1 | 1 |
| Sydenham *H* - - - - L. | 37,601 | 14 | 9 | 1 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Charlton *wHH* - - K. | 15,928 | 6 | 14 | – | 5 | – | – | – | 3 | – | – | – | – | – | 1 | 1 | 5 | 1 |
| Woolwich Dockyard - - K. | 19,355 | 18 | 8 | 1 | 2 | – | – | – | – | 1 | – | – | – | – | 1 | 1 | – | – |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 11 | 4 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Plumstead West *H* - - K. | 16,714 | 6 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Plumstead East *WH* - - K. | 42,538 | 28 | 18 | 4 | 4 | – | – | – | – | – | – | – | – | – | 2 | 2 | 5 | – |
| Banstead Asylum - - - - | — | – | 7 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 7 | – |
| Caterham Asylum - - - - | — | – | 5 | – | 5 | – | – | – | – | – | – | – | – | – | – | – | 5 | – |
| Cane Hill Asylum - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Hospital Ships and Camp, Dartford | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Darenth Asylum - - - - | — | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | 2 | – |
| Hanwell Asylum - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Colney Hatch Asylum - - - | — | – | 7 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 7 | – |
| N.E. Hospital - - - - - | — | – | 1 | – | – | – | – | 1 | – | – | – | – | – | – | – | – | 1 | – |
| Winchmore Hill Hospital - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Leavesden Asylum - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Claybury Asylum - - - - | — | – | 4 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 4 | – |

LE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 15th January, 1898.

| is-on ict d c-ict g-y. | REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years & upwds. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LONDON—OUTER RING - | 368,749 | 1,422,063 | 1,134 | 652 | 138 | 199 | – | 33 | 5 | 10 | 26 | 1 | 2 | 16 | 30 | 64 | 15 |
| :1 | Carshalton *wHH* - - | 12,228 | 26,108 | 12 | 8 | 1 | 6 | – | – | – | – | 1 | – | – | – | – | – | – |
| 2 | Epsom, *part of** *WwHH* - | 10,423 | 12,508 | 4 | 6 | 2 | 3 | – | – | – | – | – | – | – | – | – | – | – |
| :1 | Godstone, *part of** *W* - | 2,754 | 1,598 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| :1 | Croydon *WwHHH* - - | 20,851 | 128,699 | 84 | 42 | 7 | 12 | – | 5 | 1 | 1 | 2 | – | – | 3 | 7 | 5 | – |
| 2 | Mitcham *w* - - - | 11,697 | 23,088 | 6 | 7 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| :1 | Wimbledon *HHH* - - | 3,220 | 25,761 | 23 | 9 | – | 5 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Kingston *W* - - - | 8,071 | 33,566 | 25 | 19 | 6 | 9 | – | – | – | – | – | – | – | – | – | 6 | – |
| 3 | Surbiton *H*- - - - | | 11,199 | 9 | 3 | 1 | 1 | – | – | – | – | – | – | – | – | 1 | 1 | – |
| 4 | Esher, *part of** *HH* - - | 6,601 | 12,059 | 6 | 3 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 5 | Hampton *HL* - - - | 4,565 | 18,252 | 9 | 5 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| :1 | Richmond *WH*- - - | 2,160 | 25,389 | 12 | 7 | 1 | 2 | – | 1 | – | – | – | – | – | – | – | – | – |
| 2 | Mortlake *H* - - - | 2,823 | 16,159 | 7 | 3 | 1 | – | – | – | – | – | – | – | 1 | – | – | – | – |
| :1 | Bromley *HHH* - - - | 9,127 | 23,815 | 12 | 3 | – | 1 | – | – | – | – | 1 | – | – | – | – | – | – |
| 2 | Beckenham *H* - - - | 6,542 | 21,969 | 12 | 4 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 12 | 5 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – |
| :1 | Bexley *HHH* - - - | 12,540 | 30,590 | 19 | 11 | 1 | 5 | – | – | – | – | – | – | – | 1 | 1 | – | 1 |
| 2 | Dartford *WH*, part of* - | — | — | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | 1 | – |
| :1 | Sunbury *w* - - - | 11,054 | 13,671 | 8 | 5 | 1 | 3 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Staines *WH* - - - | 13,277 | 13,221 | 3 | 3 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| :1 | Hillingdon *WHH* - - | 6,035 | 12,237 | 13 | 8 | – | 2 | – | – | – | 2 | – | – | – | – | – | 4 | – |
| 2 | Uxbridge - - - - | 12,757 | 7,253 | 9 | 8 | 1 | 5 | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Hayes *wH* - - - - | 7,952 | 11,051 | 10 | 7 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| :1 | Isleworth *WHH* - - | 6,967 | 26,004 | 15 | 14 | 4 | 3 | – | – | – | – | 2 | – | 1 | – | – | 3 | – |
| 2 | Twickenham *HH* - - | 2,415 | 16,027 | 6 | 6 | – | 3 | – | 2 | – | – | – | – | – | – | – | – | – |
| 3 | Brentford *HHHH* - - | 4,318 | 37,777 | 27 | 19 | 5 | 7 | – | – | – | – | 4 | – | – | 1 | 1 | – | 1 |
| 4 | Chiswick - - - - | 1,245 | 21,963 | 17 | 12 | 4 | 1 | – | – | – | – | – | – | – | – | – | – | 1 |
| 5 | Acton *wH* - - - - | 6,132 | 30,945 | 24 | 21 | 5 | 8 | – | – | – | – | – | – | – | 1 | 1 | – | – |
| :1 | Harrow *HHH* - - - | 13,809 | 15,715 | 9 | 8 | 1 | 5 | – | – | – | – | – | – | – | 1 | 1 | – | 1 |
| 2 | Edgware *HH* - - - | 6,994 | 3,844 | 1 | 2 | – | 2 | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Willesden *HHH* - - | 4,383 | 61,265 | 65 | 39 | 7 | 10 | – | 1 | 2 | 1 | 3 | – | – | 1 | 1 | 4 | 4 |
| 4 | Hendon *WH* - - - | 8,382 | 15,843 | 11 | 12 | 1 | 6 | – | – | 1 | – | – | – | – | – | – | 4 | – |
| :1 | South Mimms *HH* - - | 15,599 | 8,474 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Barnet *WHH* - - - | 5,478 | 12,045 | 8 | 5 | – | 3 | – | – | – | – | – | – | – | – | 1 | 1 | 1 |
| 3 | Finchley *HHH*- - - | 4,688 | 25,820 | 15 | 16 | 4 | 7 | – | 1 | – | – | 3 | – | – | 1 | 1 | 2 | – |
| :1 | Hornsey *HH* - - - | 3,039 | 61,097 | 40 | 15 | 3 | 8 | – | – | – | 1 | – | – | – | – | – | – | – |
| 2 | Tottenham *HH*- - - | 4,642 | 97,174 | 75 | 41 | 8 | 13 | – | 1 | – | – | 7 | – | – | 3 | 3 | 2 | – |
| 3 | Edmonton *Www* - - | 7,489 | 36,351 | 44 | 37 | 8 | 8 | – | 4 | – | 1 | 1 | – | – | 2 | 3 | 6 | – |
| 4 | Enfield *WWHH* - - | 12,602 | 31,536 | 27 | 18 | 3 | – | – | 3 | – | – | – | – | – | – | 1 | 1 | – |
| 5 | Waltham Abbey - - - | 11,017 | 6,066 | 5 | 4 | 1 | 1 | – | 2 | – | – | – | – | – | – | – | – | – |
| 6 | Cheshunt *H* - - - | 8,480 | 9,620 | 11 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| :1 | Hatfield, *part of** *W*- - | 3,306 | 582 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| :1 | Bushey *H* - - - - | 9,331 | 7,737 | 6 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Watford *WH*, part of* - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| :1 | Stratford *H* - - - | 1,100 | 42,983 | 43 | 30 | 6 | 8 | – | 5 | – | – | – | – | – | – | 1 | 2 | 2 |
| 2 | Plaistow *WHH*- - - | 1,242 | 58,030 | 63 | 25 | 7 | 3 | – | – | – | 1 | 1 | 1 | – | – | – | – | – |
| 3 | Canning Town *H* - - | 1,558 | 54,750 | 61 | 18 | 8 | 4 | – | 1 | – | 1 | – | – | – | – | – | 1 | – |
| 4 | Forest Gate *w* - - - | 806 | 49,140 | 28 | 14 | 2 | 2 | – | 1 | – | – | – | – | – | – | – | – | 1 |
| 5 | East Ham *wH*- - - | 3,266 | 32,713 | 61 | 21 | 7 | 3 | – | 2 | 1 | – | 1 | – | – | – | 1 | – | 2 |
| 6 | Leyton *WWWwH* - - | 4,334 | 70,188 | 72 | 41 | 6 | 14 | – | – | – | 1 | – | – | – | – | 3 | 15 | 1 |
| 7 | Walthamstow *HHL*- - | 6,501 | 57,330 | 64 | 35 | 13 | 8 | – | 2 | – | 1 | – | – | – | – | – | 2 | – |
| :1 | Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 7 | 9 | 1 | 4 | – | – | – | – | – | – | – | – | – | 3 | – |
| 2 | Epping *WH*, part of*- - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| :1 | Romford, *part of** *WH* - | 6,556 | 4,324 | 1 | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| 2 | Ilford - - - - - | 8,493 | 10,913 | 17 | 12 | 2 | 3 | – | 1 | – | – | – | – | – | 1 | 2 | – | – |
| 3 | Barking Town, *H* - - | 3,814 | 14,301 | 16 | 6 | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – |
| | Middlesex Co. Lunatic Asy. | — | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |

* The parts of sub-districts inclu ed within that portion of the Metropolitan Police District which forms the Outer Ring e as follows:—30: 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37: 1, the parishes of Warlingham d Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst b-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in tfield sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping op. 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for fectious Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford; and 187: 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 15th January, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | ANNUAL RATE of MORTALITY per 1000 living. From All Causes. | From Diseases in Cols. 8-14. | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. | 16. |
| **GREATER LONDON** | **443,421** | **6,408,321** | **21·4** | **3·0** | **2634** | **511** | **760** | **–** | **167** | **20** | **54** | **102** | **10** | **12** | **93** | **597** |
| INNER LONDON - | 74,672 | 4,504,766 | 22·9 | 3·3 | 1982 | 373 | 561 | – | 134 | 15 | 44 | 76 | 9 | 10 | 77 | 533 |
| OUTER RING - | 368,749 | 1,903,555 | 17·9 | 2·1 | 652 | 138 | 199 | – | 33 | 5 | 10 | 26 | 1 | 2 | 16 | 64 |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent to the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN, and in certain FOREIGN CITIES.

| CITIES. | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. (Exclusive of Stillborn) | DEATHS. (Exclusive of Stillborn) | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM PRINCIPAL ZYMOTIC DISEASES. Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœal Diseases. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 292,364 | January 15 | 170 | 110 | 19·4 | – | – | 2 | – | 2 | 1 | 1 |
| GLASGOW - - | 714,919 | „ 15 | 493 | 295 | 21·2 | – | 14 | 4 | – | 5 | 1 | 9 |
| DUBLIN - - | 349,594 | „ 15 | 202 | 213 | 31·8 | – | – | 3 | 4 | 2 | 2 | 1 |
| CALCUTTA - - | 466,460 | December 4 | – | 317 | 35·4 | – | – | – | – | – | 118 | 50† |
| BOMBAY - - | 821,764 | „ 21 | 231 | 808 | 51·1 | – | 2 | – | – | – | 212‡ | 67† |
| MADRAS - - | 452,518 | „ 17 | – | – | – | – | – | – | – | – | – | – |
| PARIS - - - | 2,511,629 | January 8 | 1239 | 1227 | 25·3 | – | 8 | 1 | 5* | 1 | 2 | 34 |
| BRUSSELS - - | 531,011 | „ 8 | 254 | 196 | 19·2 | – | 1 | – | 3* | 1 | 2 | 7 |
| AMSTERDAM - | 500,091 | „ 1 | 290 | 146 | 15·2 | – | – | – | 1 | 2 | 1 | – |
| ROTTERDAM - | 290,004 | „ 1 | 212 | 107 | 19·2 | – | – | – | – | 2 | 1 | – |
| THE HAGUE - | 191,529 | „ 1 | 106 | 46 | 12·4 | – | – | – | 1 | 3 | – | – |
| COPENHAGEN - | 340,500 | „ 1 | 238 | 100 | 15·3 | – | – | 1 | 4 | 1 | 1 | 1 |
| STOCKHOLM - | 274,611 | „ 1 | 178 | 98 | 18·6 | – | – | 4 | 2* | – | – | 2 |
| CHRISTIANIA - | 192,141 | „ 8 | 80 | 77 | 20·8 | – | – | – | 1 | 2 | – | 3 |
| ST. PETERSBURG | 954,400 | „ 1 | – | – | – | – | – | – | – | – | – | – |
| MOSCOW - - | 753,469 | „ 1 | – | 479 | 33·1 | 1 | 7 | 18 | 11 | 1 | 8 | 28 |
| BERLIN - - | 1,726,098 | December 25 | 876 | 556 | 16·5 | – | 3 | 8 | 14 | 6 | – | 19 |
| HAMBURG - - | 661,015 | January 8 | – | 214 | 16·8 | – | – | – | 1* | 8 | – | 3 |
| DRESDEN - - | 347,485 | December 11 | – | – | – | – | – | – | – | – | – | – |
| BRESLAU - - | 385,198 | January 8 | – | 186 | 25·2 | – | 1 | – | 3* | 2 | – | 17 |
| MUNICH - - | 430,000 | „ 8 | 294 | 211 | 25·5 | – | 6 | 1 | 6* | – | – | 24 |
| VIENNA - - | 1,574,129 | „ 8 | 883 | 636 | 21·0 | – | 14 | 2 | 19* | – | – | 41 |
| PRAGUE - - | 377,109 | „ 8 | 245 | 187 | 25·8 | – | 2 | 1 | 3 | 1 | 5 | 8 |
| BUDA-PESTH - | 629,486 | „ 1 | 419 | 263 | 21·7 | – | 4 | – | 1 | 1 | 8 | 17 |
| TRIESTE - - | 163,979 | „ 1 | 96 | 105 | 32·9 | – | – | 4 | 1* | – | 2 | 1 |
| ROME - - - | 484,061 | December 4 | 215 | 145 | 15·6 | – | – | – | 1 | – | 6§ | 9 |
| TURIN (10 days) | 344,203 | „ 10 | – | – | – | – | – | – | – | – | – | – |
| VENICE - - | 166,069 | January 1 | 93 | 99 | 31·2 | – | – | – | 1* | 1 | 1 | 2 |
| CAIRO - - | 374,838 | November 11 | – | – | – | – | – | – | – | – | – | – |
| ALEXANDRIA - | 231,396 | „ 11 | – | – | – | – | – | – | – | – | – | – |
| NEW YORK - | 2,003,000 | January 1 | – | – | – | – | – | – | – | – | – | – |
| BROOKLYN - | 1,160,000 | „ 1 | – | – | – | – | – | – | – | – | – | – |
| PHILADELPHIA - | 1,214,256 | „ 1 | – | 461 | 19·8 | – | 5 | 3 | 35 | 1 | 9 | 3 |

* Including deaths from croup.
† Including 6 deaths from cholera in Calcutta, and 4 in Bombay.
‡ Including 158 deaths from bubonic fever.
§ Including 2 deaths from malarial fever.

*Under the Superintendence of the Astronomer Royal.*

| 1898. Month and Day. | | Phases of the Moon. | Barometer. Mean daily reading (corrected and reduced to 32° Fahrenheit). | Temperature. Of the Air. High-est. | Temperature. Of the Air. Low-est. | Temperature. Of the Air. Daily Range. | Temperature. Of the Air. Mean daily value. | Temperature. Of the Air. Departure from Average of 50 years. | Temperature. Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Difference. Great-est. | Difference. Least. | Degree of Humidity (Saturation equals 100). | Temperature. Of Radiation. Highest in Sun's Rays. | Temperature. Of Radiation. Lowest on the Grass. | Temperature. Of the Earth 3 feet below the Surface. | Wind as deduced from Anemometers. Osler's. General Direction. A.M. | Wind. Osler's. General Direction. P.M. | Wind. Osler's. Pressure on the Square Foot. Great-est. | Wind. Osler's. Pressure. Least. | Wind. Osler's. Pressure. Mean of 24 hourly obs. | Wind. Robinson's. Horizontal Movement of the Air on each Day. | Wind. Robinson's. Departure from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| JANUARY. | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUNDAY - | 9 | .. | 29·776 | 40·8 | 37·3 | 3·5 | 39·7 | + 1·8 | 38·1 | 1·6 | 2·3 | 0·9 | 94 | 46·8 | 35·0 | 45·19 | ESE. & N. | NNE. & N. | 0·2 | 0·0 | 0·0 | 102 | −216 | 0·00 | 0·0 |
| MONDAY - | 10 | .. | 30·089 | 41·5 | 32·0 | 9·5 | 36·7 | − 1·2 | 33·8 | 2·9 | 6·2 | 1·2 | 89 | 55·4 | 27·8 | 44·99 | NNE. & N. | NNE, WSW & SW. | 0·6 | 0·0 | 0·0 | 151 | −168 | 0·00 | 0·0 |
| TUESDAY - | 11 | .. | 30·305 | 46·1 | 32·0 | 14·1 | 41·2 | + 3·3 | 34·4 | 6·8 | 8·8 | 1·0 | 77 | 59·0 | 27·5 | 44·81 | WSW. & SW. | WSW. & SW. | 2·0 | 0·0 | 0·1 | 241 | − 78 | 0·00 | 0·0 |
| WEDNESDAY | 12 | .. | 30·425 | 49·2 | 41·1 | 8·1 | 46·2 | + 8·3 | 42·8 | 3·4 | 5·0 | 2·5 | 88 | 53·9 | 35·0 | 44·50 | SW. | WSW. & SW. | 2·0 | 0·0 | 0·1 | 255 | − 65 | 0·00 | 0·0 |
| THURSDAY- | 13 | In Equator | 30·418 | 47·3 | 41·9 | 5·4 | 45·0 | + 7·0 | 42·6 | 2·4 | 3·8 | 0·0 | 91 | 49·1 | 38·3 | 44·46 | WSW. | SE., ESE. & E. | 0·3 | 0·0 | 0·0 | 97 | −224 | 0·00 | 0·0 |
| FRIDAY - | 14 | .. | 30·310 | 43·4 | 41·2 | 2·2 | 42·5 | + 4·3 | 36·7 | 5·8 | 6·6 | 3·7 | 80 | 46·4 | 38·7 | 44·60 | ESE., S. & SE. | ENE. & SE. | 0·2 | 0·0 | 0·0 | 69 | −253 | 0·00 | 0·0 |
| SATURDAY - | 15 | Last Quarter. | 30·436 | 44·2 | 37·7 | 6·5 | 41·1 | + 2·8 | 35·0 | 6·1 | 8·1 | 2·6 | 79 | 71·5 | 33·1 | 44·75 | SE. & ESE. | SE. | 0·2 | 0·0 | 0·0 | 96 | −228 | 0·00 | 0·0 |
| MEANS - | - | | 30·251 | 44·6 | 37·6 | 7·0 | 41·8 | + 3·8 | 37·6 | 4·1 | 5·8 | 1·7 | 85 | 54·6 | 33·6 | 44·76 | Variable | | .. | .. | .. | Sum 1011 | Sum −1232 | Sum 0·00 | 0·0 |
| No. of Column - | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| Date. | | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | General Remarks. |
|---|---|---|---|---|---|
| JANUARY. | | | | | |
| SUNDAY - | 9 | w. P. generally - | 0·0 | 8·1 | Overcast till 9h. P.M.; fine and partially cloudy afterwards. Gloomy in forenoon. |
| MONDAY - | 10 | m. P. throughout - | 0·5 | 8·1 | Cloudy in morning; fine with variable amounts of cloud till 3h. P.M.; cloudless with slight fog afterwards. Solar halo in forenoon. Hoar frost at night. |
| TUESDAY - | 11 | m. P. throughout - | 0·6 | 8·2 | Generally cloudy. |
| WEDNESDAY | 12 | w. P. throughout - | 0·0 | 8·2 | Generally overcast. |
| THURSDAY- | 13 | w. P. generally - | 0·0 | 8·2 | Generally overcast; fog in morning. |
| FRIDAY - | 14 | w. P. till 5h. P.M.; m. P. till 10h. P.M.; w. P. afterwards. | 0·0 | 8·3 | Overcast. |
| SATURDAY - | 15 | w. P. till 3h. P.M.; m. P. generally afterwards. | 2·4 | 8·3 | Generally overcast till noon; very fine till 7h. P.M.; overcast afterwards. |
| | | | Sum 3·5 | Sum 57·4 | |
| No. of Col. - | - | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer increased from 29·70 in. at the beginning of the week to 30·48 in. by midnight on the 12th; decreased to 30·28 in. by 1h. P.M. on the 14th; and increased to 30·47 in. by the end of the week.

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1898.

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# WEEKLY RETURN
OF
# BIRTHS AND DEATHS IN LONDON
AND IN
# THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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No. 3. 1898. VOL. LIX.] WEEK ENDING SATURDAY, JAN. 22. [Price 1½*d*.

*General Register Office, Somerset House,*
*January 24th*, 1898.

## THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 20·6 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS. | Weeks ending Jan. 1. | Jan. 8. | Jan. 15. | Jan. 22. | TOWNS. | Weeks ending Jan. 1. | Jan. 8. | Jan. 15. | Jan. 22. |
|---|---|---|---|---|---|---|---|---|---|
| **33 Great Towns** | **24·9** | **21·4** | **20·6** | **20·6** | Leicester - - | 24·1 | 17·5 | 17·2 | 16·2 |
| Birkenhead - | 14·1 | 17·5 | 12·9 | 10·6 | Liverpool - - | 27·1 | 22·4 | 25·3 | 22·8 |
| Birmingham - | 24·8 | 23·7 | 22·2 | 21·1 | London - - - | 27·6 | 23·0 | 22·9 | 23·4 |
| Blackburn - | 30·6 | 25·0 | 20·0 | 19·2 | Manchester - - | 22·9 | 22·7 | 20·6 | 20·6 |
| Bolton - - | 25·3 | 20·4 | 17·9 | 19·2 | Newcastle-on-Tyne | 21·1 | 18·0 | 19·4 | 15·9 |
| Bradford - | 24·1 | 19·2 | 14·3 | 20·5 | Norwich - - | 37·4 | 27·5 | 28·9 | 19·1 |
| Brighton - | 19·3 | 16·6 | 18·8 | 18·3 | Nottingham - - | 24·0 | 19·2 | 14·8 | 19·0 |
| Bristol - | 24·9 | 17·9 | 15·6 | 16·0 | Oldham - - | 21·1 | 15·8 | 16·5 | 15·5 |
| Burnley - | 24·6 | 21·4 | 14·8 | 19·0 | Plymouth - - | 17·1 | 26·8 | 23·7 | 18·9 |
| Cardiff - - | 18·1 | 12·6 | 12·6 | 13·5 | Portsmouth - - | 20·0 | 16·5 | 14·8 | 16·2 |
| Croydon - | 16·4 | 18·4 | 13·8 | 15·1 | Preston - - | 27·2 | 21·1 | 18·4 | 22·0 |
| Derby - - | 19·7 | 23·4 | 19·4 | 17·4 | Salford - - - | 22·0 | 24·4 | 19·6 | 19·3 |
| Gateshead - | 15·5 | 23·6 | 17·1 | 19·1 | Sheffield - - | 22·4 | 18·9 | 18·9 | 19·7 |
| Halifax - | 32·7 | 18·9 | 21·6 | 20·5 | Sunderland - - | 19·1 | 18·8 | 20·7 | 20·3 |
| Huddersfield- | 24·7 | 23·9 | 12·2 | 15·8 | Swansea - - | 20·3 | 21·5 | 13·3 | 14·8 |
| Hull - - | 19·2 | 17·5 | 17·9 | 18·1 | West Ham - - | 14·7 | 17·8 | 17·8 | 15·3 |
| Leeds - - | 27·6 | 20·9 | 19·8 | 20·2 | Wolverhampton - | 23·9 | 18·4 | 29·6 | 21·9 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·3 in Bristol, 1·4 in Hull, 1·5 in London, in Derby, and in Gateshead, 1·7 in Brighton, 1·8 in Oldham and in Sheffield, 2·0 in Swansea, 2·2 in Halifax, and 3·5 in Blackburn; from *scarlet fever*, 1·1 in Sunderland and 1·2 in Wolverhampton; from *whooping-cough*, 1·0 in Liverpool and in Leeds, and 1·5 in Gateshead; and from "*fever*," 1·0 in Salford and 1·1 in Halifax. In no case did the death-rate from *diarrhœa* reach 1·0 per 1000 in any of the thirty-three towns. The 55 deaths from *diphtheria* included 33 in London, 7 in Leeds, and 3 in Cardiff. No death from *small-pox* was registered in any of the thirty-three towns.

## LONDON.

In LONDON† 2631 BIRTHS and 2021 DEATHS were registered. Allowing for increase of population, the births were 193, and the deaths 232, below the average numbers in the corresponding weeks of the last ten years. The

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

annual death-rate per 1000 from all causes, which had been 27·6, 23·0, and 22·9 in the preceding three weeks, rose again last week to 23·4. During the four weeks ending on Saturday last the death-rate averaged 24·2 per 1000, being 1·4 per 1000 below the mean rate in the corresponding periods of the ten years 1888–97.

The 2021 deaths included 130 from measles, 17 from scarlet fever, 33 from diphtheria, 69 from whooping-cough, 8 from enteric fever, 7 from diarrhœa and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 264 deaths were referred to these diseases, being 43 above the corrected average weekly number.

The deaths from *measles*, which had been 166, 130, and 134 in the preceding three weeks, fell again last week to 130, but were 76 above the corrected average; 14 cases belonged to Camberwell, 13 to Islington, 10 to Shoreditch, 10 to Lambeth, 9 to St. Pancras, 8 to Hackney, 7 to Chelsea, 7 to Bermondsey, 7 to Battersea, 6 to Poplar, and 5 to St. George Hanover Square sanitary areas. The deaths from *scarlet fever*, which had been 11, 19, and 15 in the preceding three weeks, rose again last week to 17, but were 5 below the corrected average. The deaths from *diphtheria*, which had been 53, 50, and 44 in the preceding three weeks, further fell last week to 33, and were 5 below the corrected average; 3 cases belonged to Fulham, and 3 to Shoreditch sanitary areas. The deaths from *whooping-cough*, which had been 76, 65, and 76 in the preceding three weeks, fell last week to 69, and were 10 below the corrected average. The fatal cases of *enteric fever*, which had been 14, 10, and 9 in the preceding three weeks, further fell last week to 8, and were 5 below the corrected average; 2 cases belonged to Poplar sanitary areas. The deaths from *diarrhœa*, which had been 13, 10, and 10 in the preceding three weeks, further fell last week to 7, and were 8 below the corrected average. The deaths referred to diseases of the respiratory organs, which had been 700, 533, and 516 in the preceding three weeks, rose again last week to 567, but were 144 below the corrected average. The deaths attributed directly to *influenza* numbered 73, having been 29, 43, and 40 in the preceding three weeks.

Different forms of violence caused 87 deaths, concerning all but 2 of which inquests were held. Of these 87 deaths, 10 were cases of suicide, and 1 of homicide, while the remaining 76 were attributed to accident or negligence. Seven of these were referred to vehicles in the streets, 10 to burns and scalds, 1 to the effects of chloroform administered for surgical purposes, and 13 (of infants under one year of age), to suffocation in bed.

## Cases of Infectious Sickness in Hospitals.*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 3149 cases of scarlet fever, 1045 of diphtheria, and 109 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 248 cases, against 273, 239, and 215; of diphtheria, 125 cases, against 142, 134, and 113; and of enteric fever, 17 cases, against 16, 20, and 15.

## Greater London.

In Greater London 3614 births and 2597 deaths were registered, corresponding to annual rates of 29·4 and 21·1 per 1000 of the estimated population. In the Outer Ring 28 deaths from measles, 2 from scarlet fever, 7 from diphtheria, 20 from whooping-cough, 5 from "fever," and 6 from diarrhœa were registered. Twelve deaths from measles occurred in West Ham district, and 6 in Edmonton district; three deaths from diphtheria occurred in Tottenham sub-district.

## Meteorology.

The mean reading of the Barometer last week at Greenwich was 30·26 inches, and that of the Thermometer 45°·1, the latter being 6°·7 above the week's average in the 50 years 1841–90. The direction of the wind was south-westerly, the horizontal movement of the air being 13 per cent. below the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 3·4 hours; the measured rainfall amounted to 0·12 of an inch.

* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found, after sojourn in the Hospital to have been erroneous.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Registered during the Week ending 22nd January 1898. Births. | Registered during the Week ending 22nd January 1898. Deaths. | Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Per 1000, corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6–12. | Highest. Fahrenheit. | Lowest. Fahrenheit. | Mean. Fahrenheit. | Mean. Centigrade. | Rainfall. In Inches. | Rainfall. In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| 33 Towns - | **11,218,378** | **6679** | **4440** | **979** | **1212** | **-** | **228** | **39** | **55** | **134** | **42** | **23** | **166** | **323** | **926** | **60** | **20·6** | **2·4** | **56·4** | **27·2** | **45·2** | **7·33** | **0·09** | **0·23** | 33 Towns. |
| London - - | 4,504,766 | 2631 | 2021 | 404 | 605 | - | 130 | 17 | 33 | 69 | 8 | 7 | 87 | 166 | 523 | 12 | 23·4 | 3·1 | 53·8 | 30·0 | 45·1 | 7·28 | 0·12 | 0·30 | London. |
| West Ham - - | 286,654 | 168 | 84 | 20 | 14 | - | 3 | - | - | 2 | 1 | - | 7 | 8 | 10 | 3 | 15·3 | 1·1 | - | - | - | - | - | - | West Ham. |
| Croydon - - | 124,421 | 53 | 36 | 8 | 13 | - | 2 | - | - | 1 | - | - | 1 | 1 | 5 | - | 15·1 | 1·3 | 54·5 | 29·5 | 45·0 | 7·22 | 0·09 | 0·23 | Croydon. |
| Brighton - - | 122,310 | 60 | 43 | 6 | 16 | - | 4 | - | - | - | - | - | - | 4 | 6 | - | 18·3 | 1·7 | 54·0 | 33·8 | 45·2 | 7·33 | 0·04 | 0·10 | Brighton. |
| Portsmouth - | 186,618 | 82 | 58 | 12 | 27 | - | - | - | - | 1 | - | - | - | 2 | 9 | - | 16·2 | 0·3 | 50·7 | 34·0 | 45·9 | 7·72 | 0·05 | 0·13 | Portsmouth. |
| Plymouth - - | 99,136 | 54 | 36 | 7 | 8 | - | - | - | 1 | - | - | 1 | 2 | 4 | 7 | - | 18·9 | 1·1 | - | - | - | - | - | - | Plymouth. |
| Bristol - - | 316,900 | 174 | 97 | 23 | 26 | - | 8 | 1 | 1 | 1 | 1 | 1 | 2 | 6 | 15 | 3 | 16·0 | 2·1 | 55·0 | 34·0 | 46·3 | 7·94 | 0·02 | 0·05 | Bristol. |
| Cardiff - - | 177,770 | 103 | 46 | 22 | 6 | - | - | - | 3 | 1 | - | 1 | 2 | 3 | 2 | 1 | 13·5 | 1·5 | - | - | - | - | - | - | Cardiff. |
| Swansea - - | 102,001 | 67 | 29 | 10 | 5 | - | 4 | - | 1 | - | - | - | 1 | 4 | 1 | - | 14·8 | 2·6 | - | - | - | - | - | - | Swansea. |
| Wolverhampton | 88,051 | 64 | 37 | 7 | 10 | - | - | 2 | - | - | 1 | - | 1 | 2 | 7 | - | 21·9 | 1·8 | 55·3 | 32·2 | 43·6 | 6·44 | 0·00 | 0·00 | Wolverhampton. |
| Birmingham - | 510,343 | 331 | 207 | 49 | 54 | - | 8 | 1 | 1 | 8 | 5 | 1 | 8 | 9 | 43 | 8 | 21·1 | 2·5 | - | - | - | - | - | - | Birmingham. |
| Norwich - - | 111,689 | 68 | 41 | 7 | 15 | - | - | - | - | 2 | - | - | 2 | 4 | 9 | - | 19·1 | 0·9 | 56·0 | 31·0 | 44·5 | 6·94 | 0·01 | 0·03 | Norwich. |
| Leicester - - | 208,662 | 100 | 65 | 17 | 20 | - | 3 | - | 2 | 1 | 2 | - | 1 | 4 | 10 | 2 | 16·2 | 2·0 | - | - | - | - | - | - | Leicester. |
| Nottingham - | 236,137 | 129 | 86 | 17 | 31 | - | 1 | 1 | - | 1 | 1 | 1 | 2 | 3 | 12 | - | 19·0 | 1·1 | 55·6 | 32·3 | 44·0 | 6·67 | 0·08 | 0·20 | Nottingham. |
| Derby - - - | 104,834 | 60 | 35 | 5 | 10 | - | 3 | - | - | 1 | 1 | - | - | 3 | 12 | - | 17·4 | 2·5 | - | - | - | - | - | - | Derby. |
| Birkenhead - | 113,189 | 65 | 23 | 7 | 7 | - | 1 | 1 | - | - | 1 | - | - | - | 6 | 1 | 10·6 | 1·4 | - | - | - | - | - | - | Birkenhead. |
| Liverpool - - | 633,645 | 445 | 277 | 66 | 57 | - | 3 | - | - | 12 | 1 | 2 | 8 | 13 | 66 | 14 | 22·8 | 1·5 | 54·7 | 31·6 | 45·9 | 7·72 | 0·06 | 0·15 | Liverpool. |
| Bolton - - | 122,495 | 71 | 45 | 6 | 13 | - | - | 1 | - | 1 | - | - | 2 | 4 | 9 | - | 19·2 | 0·9 | - | - | - | - | - | - | Bolton. |
| Manchester - | 539,079 | 352 | 213 | 42 | 50 | - | 3 | 3 | - | 7 | 3 | 1 | 8 | 22 | 47 | 1 | 20·6 | 1·6 | - | - | - | - | - | - | Manchester. |
| Salford - - | 215,702 | 141 | 80 | 19 | 12 | - | 1 | 3 | 1 | 3 | 4 | 2 | 1 | 3 | 13 | - | 19·3 | 3·4 | - | - | - | - | - | - | Salford. |
| Oldham - - | 148,288 | 64 | 44 | 7 | 15 | - | 5 | - | - | - | 1 | - | 1 | 3 | 5 | - | 15·5 | 2·1 | - | - | - | - | - | - | Oldham. |
| Burnley - - | 109,546 | 70 | 40 | 7 | 13 | - | 1 | - | 1 | - | 1 | - | 3 | 4 | 10 | - | 19·0 | 1·4 | - | - | - | - | - | - | Burnley. |
| Blackburn - - | 133,228 | 76 | 49 | 11 | 8 | - | 9 | 2 | - | - | - | 1 | 1 | 1 | 10 | 1 | 19·2 | 4·7 | - | - | - | - | - | - | Blackburn. |
| Preston - - | 116,356 | 76 | 49 | 10 | 11 | - | - | - | - | - | 1 | 1 | 2 | 3 | 3 | 2 | 22·0 | 0·9 | - | - | - | - | - | - | Preston. |
| Huddersfield - | 102,454 | 47 | 31 | 6 | 9 | - | - | 1 | 1 | - | - | - | - | 1 | 4 | - | 15·8 | 1·0 | 53·8 | 27·2 | 45·3 | 7·39 | 0·37 | 0·94 | Huddersfield. |
| Halifax - - | 96,729 | 43 | 38 | 7 | 14 | - | 4 | - | 1 | - | 2 | - | - | - | 3 | 1 | 20·5 | 3·8 | - | - | - | - | - | - | Halifax. |
| Bradford - - | 233,737 | 108 | 92 | 21 | 22 | - | 4 | - | 1 | 2 | 1 | - | 1 | 3 | 9 | 2 | 20·5 | 1·8 | 56·4 | 33·8 | 47·1 | 8·39 | 0·28 | 0·71 | Bradford. |
| Leeds - - - | 416,618 | 239 | 161 | 40 | 34 | - | 6 | - | 7 | 8 | 2 | 1 | 9 | 16 | 23 | - | 20·2 | 3·0 | - | - | - | - | - | - | Leeds. |
| Sheffield - - | 356,478 | 260 | 135 | 45 | 32 | - | 12 | - | 1 | 6 | 2 | 1 | 7 | 9 | 17 | 5 | 19·7 | 3·2 | - | - | - | - | - | - | Sheffield. |
| Hull - - - | 229,887 | 161 | 80 | 24 | 23 | - | 6 | 2 | - | 2 | 2 | - | 2 | 7 | 7 | 2 | 18·1 | 2·7 | 55·0 | 33·0 | 44·4 | 6·89 | 0·00 | 0·00 | Hull. |
| Sunderland - | 143,849 | 95 | 56 | 20 | 12 | - | 2 | 3 | - | - | - | - | 1 | 4 | 8 | 2 | 20·3 | 1·8 | - | - | - | - | - | - | Sunderland. |
| Gateshead - - | 103,775 | 72 | 38 | 9 | 9 | - | 3 | 1 | - | 3 | - | 1 | - | 1 | 3 | - | 19·1 | 4·0 | - | - | - | - | - | - | Gateshead. |
| Newcastle - | 223,021 | 150 | 68 | 18 | 11 | - | 2 | - | - | 2 | 1 | 1 | 4 | 6 | 12 | - | 15·9 | 1·4 | - | - | - | - | - | - | Newcastle. |

* See note * on first page of this return.

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the THIRD Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2688 | 2837 | 2714 | 2789 | 2623 | 2645 | 2729 | 2813 | 2491 | 2484 | 2823·7 | 2631 |
| Males - - | 1304 | 1430 | 1409 | 1381 | 1357 | 1330 | 1342 | 1388 | 1310 | 1284 | 1425·1 | 1322 |
| Females - | 1384 | 1407 | 1305 | 1408 | 1266 | 1315 | 1337 | 1430 | 1181 | 1200 | 1398·6 | 1309 |
| TOTAL **Deaths** - | 2000 | 1769 | 2720 | 2212 | 3761 | 2101 | 1975 | 1689 | 1624 | 1547 | 2253·0 | 2021 |
| Males - - | 1021 | 899 | 1420 | 1061 | 1723 | 1037 | 997 | 879 | 820 | 800 | 1122·1 | 1043 |
| Females - - | 979 | 870 | 1300 | 1151 | 2038 | 1064 | 978 | 810 | 804 | 747 | 1130·9 | 978 |

* The numbers in this column are the average weekly numbers in the third week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | Oct. 30. | Nov. 6. | Nov. 13. | Nov. 20. | Nov. 27. | Dec. 4. | Dec. 11. | Dec. 18. | Dec. 25. | Jan. 1. | Jan. 8. | Jan. 15. | Jan. 22. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** - - - | 2540 | 2748 | 2507 | 2780 | 2523 | 2459 | 2489 | 2623 | 2106 | 2363 | 3001 | 2703 | 2631 |
| TOTAL **Deaths** - - - | 1514 | 1585 | 1660 | 1617 | 1794 | 1725 | 1866 | 1796 | 1555 | 2360 | 1990 | 1982 | 2021 |
| Ages at Death: Under 1 year - - | 358 | 395 | 433 | 430 | 417 | 399 | 411 | 362 | 339 | 443 | 345 | 373 | 404 |
| 1—5 years - - | 239 | 286 | 291 | 264 | 343 | 303 | 353 | 313 | 277 | 456 | 361 | 353 | 367 |
| 5—20 " - - | 104 | 104 | 90 | 101 | 107 | 89 | 84 | 108 | 82 | 111 | 90 | 85 | 76 |
| 20—40 " - - | 200 | 204 | 181 | 184 | 210 | 190 | 202 | 198 | 187 | 267 | 231 | 225 | 203 |
| 40—60 " - - | 278 | 287 | 280 | 302 | 324 | 315 | 343 | 316 | 262 | 436 | 389 | 385 | 366 |
| 60—80 " - - | 273 | 264 | 321 | 283 | 320 | 341 | 373 | 410 | 321 | 544 | 472 | 470 | 490 |
| 80 years and upwards | 62 | 45 | 64 | 53 | 73 | 88 | 100 | 89 | 87 | 103 | 102 | 91 | 115 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox - - - - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Measles - - - - - | 58 | 74 | 78 | 87 | 120 | 108 | 122 | 134 | 112 | 166 | 130 | 134 | 130 |
| Scarlet Fever - - - | 22 | 20 | 20 | 27 | 27 | 21 | 18 | 19 | 9 | 11 | 19 | 15 | 17 |
| Diphtheria - - - - | 65 | 59 | 46 | 36 | 63 | 52 | 58 | 63 | 56 | 53 | 50 | 44 | 33 |
| Whooping-cough - - - | 17 | 19 | 25 | 29 | 35 | 38 | 46 | 45 | 57 | 76 | 65 | 76 | 69 |
| Typhus - - - - - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Enteric Fever - - - | 23 | 24 | 20 | 15 | 21 | 16 | 14 | 23 | 5 | 14 | 10 | 9 | 8 |
| Simple Continued Fever - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| Diarrhœa and Dysentery .. | 16 | 20 | 21 | 8 | 13 | 15 | 12 | 11 | 6 | 13 | 10 | 10 | 7 |
| Cholera - - - - - | - | - | - | - | 1 | - | - | - | - | - | - | - | - |
| All the above Diseases - | 202 | 216 | 210 | 202 | 280 | 250 | 270 | 295 | 245 | 333 | 284 | 288 | 264 |
| Dis. of Respiratory System - | 326 | 363 | 419 | 414 | 471 | 418 | 468 | 458 | 353 | 700 | 533 | 516 | 567 |
| Phthisis - - - - - | 160 | 174 | 149 | 155 | 164 | 147 | 168 | 157 | 160 | 201 | 180 | 212 | 170 |
| Dis. of Circulatory System - | 121 | 110 | 138 | 131 | 152 | 164 | 151 | 151 | 131 | 167 | 186 | 161 | 153 |
| Violence - - - - | 58 | 76 | 43 | 74 | 74 | 58 | 64 | 60 | 79 | 117 | 79 | 77 | 87 |
| Inquest Cases - - - - | 131 | 155 | 123 | 179 | 169 | 144 | 153 | 146 | 158 | 251 | 205 | 173 | 166 |
| Deaths in Public Institutions - | 465 | 474 | 468 | 435 | 500 | 461 | 532 | 513 | 413 | 603 | 533 | 533 | 523 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean - - - - - - | 49°·8 | 45°·7 | 48°·0 | 47°·5 | 43°·4 | 39°·0 | 41°·7 | 46°·2 | 35°·8 | 45°·1 | 43°·4 | 41°·8 | 45°·1 |
| Mean of Highest readings - | 59·0 | 50·7 | 52·0 | 53·4 | 48·0 | 44·0 | 47·5 | 50·8 | 40·3 | 48·7 | 48·9 | 44·6 | 48·1 |
| Mean of Lowest readings - | 41·7 | 41·8 | 42·7 | 41·5 | 38·2 | 32·7 | 36·4 | 40·1 | 30·0 | 40·7 | 37·1 | 37·6 | 40·9 |
| Humidity of the Air - - | 89 | 86 | 92 | 84 | 91 | 79 | 82 | 87 | 88 | 87 | 89 | 85 | 91 |
| Rain-fall (in inches) - - | 0·13 | 0·00 | 0·18 | 0·34 | 0·38 | 0·15 | 0·86 | 0·63 | 0·02 | 0·66 | 0·49 | 0·00 | 0·12 |
| Registered Sunshine (in hours) | 30·6 | 19·1 | 3·7 | 11·1 | 7·9 | 14·3 | 9·1 | 13·5 | 12·9 | 5·0 | 11·1 | 3·5 | 3·4 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox - - - - - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Scarlet Fever - - - - | 3682 | 3680 | 3777 | 3792 | 3818 | 3812 | 3806 | 3733 | 3619 | 3572 | 3450 | 3253 | 3149 |
| Diphtheria - - - - | 1043 | 1056 | 1066 | 1064 | 1052 | 1055 | 1110 | 1109 | 1086 | 1070 | 1062 | 1023 | 1045 |
| Enteric Fever - - - - | 175 | 166 | 160 | 163 | 155 | 155 | 151 | 138 | 129 | 116 | 111 | 110 | 109 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; Arthur Brown. Esq., M.Inst. C.E., and P. Boobbyer, Esq.. M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRD Week of the Year 1898.

| CAUSES OF DEATH. | Corrected Averages for the 3rd Week of the 10 years 1888–97*. | In the Week ending Saturday, 22nd January 1898. Deaths of Persons of the Ages: All Ages. | Under 20. 0–1. | 1–5. | 5–20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES - - - | 2253·0 | 2021 | 404 | 367 | 76 | 203 | 366 | 490 | 115 |
| Small-pox { Vaccinated† - | 0·1 | - | - | - | - | - | - | - | - |
| Small-pox { Unvaccinated | 0·1 | - | - | - | - | - | - | - | - |
| Small-pox { No Statement | 0·1 | - | - | - | - | - | - | - | - |
| Measles - - - - | 53·5 | 130 | 24 | 105 | 1 | - | - | - | - |
| Scarlet Fever - - - | 21·9 | 17 | 2 | 11 | 3 | 1 | - | - | - |
| Typhus - - - - | - | - | - | - | - | - | - | - | - |
| Relapsing Fever - - | - | - | - | - | - | - | - | - | - |
| Influenza - - - - | 79·2 | 73 | - | 2 | 3 | 7 | 17 | 35 | 9 |
| Whooping-cough - - | 79·4 | 69 | 25 | 43 | 1 | - | - | - | - |
| Diphtheria - - - | 37·9 | 33 | 3 | 22 | 8 | - | - | - | - |
| Simple Continued and Ill-defined Fever - | 0·8 | - | - | - | - | - | - | - | - |
| Enteric Fever - - - | 12·5 | 8 | - | 1 | 3 | 3 | 1 | - | - |
| Cholera and Chol. Diarr. | 0·2 | - | - | - | - | - | - | - | - |
| Diarrhœa, Dysentery - | 14·5 | 7 | 5 | 1 | - | 1 | - | - | - |
| Remittent Fever - - | - | - | - | - | - | - | - | - | - |
| Hydrophobia - - - | 0·1 | - | - | - | - | - | - | - | - |
| Glanders - - - - | - | - | - | - | - | - | - | - | - |
| Cowpox and Effects of vaccination - - | 0·1 | 1 | 1 | - | - | - | - | - | - |
| Venereal Affections - - | 10·2 | 9 | 5 | 1 | - | - | 1 | 2 | - |
| Erysipelas - - - | 6·3 | 6 | 3 | - | - | 1 | 1 | 1 | - |
| Pyæmia and Septicæmia | 1·9 | 2 | - | - | - | 1 | 1 | - | - |
| Puerperal Fever - - | 6·9 | 3 | - | - | - | 3 | - | - | - |
| Other Zymotic Diseases | 2·4 | - | - | - | - | - | - | - | - |
| Thrush - - - - | 1·1 | - | - | - | - | - | - | - | - |
| Worms and other Parasitical Diseases - | 0·6 | - | - | - | - | - | - | - | - |
| Starvation, Want of Breast-milk - - | 1·4 | 2 | 1 | 1 | - | - | - | - | - |
| Alcoholism - - - | 10·7 | 13 | - | - | - | 5 | 5 | 3 | - |
| Rheumatic Fever, Rheumatism of Heart | 10·7 | 7 | - | - | 4 | 1 | 1 | 1 | - |
| Rheumatism - - - | 2·5 | - | - | - | - | - | - | - | - |
| Gout - - - - - | 4·4 | - | - | - | - | - | - | - | - |
| Rickets - - - - | 4·9 | 4 | - | 4 | - | - | - | - | - |
| Cancer - - - - | 65·6 | 91 | - | - | 1 | 8 | 44 | 37 | 1 |
| Tabes Mesenterica - - | 21·7 | 10 | 5 | 4 | - | 1 | - | - | - |
| Tubercular Meningitis - | 24·0 | 19 | 9 | 9 | 1 | - | - | - | - |
| Phthisis - - - - | 189·9 | 170 | 2 | 6 | 12 | 70 | 62 | 18 | - |
| Scrofula, Tuberculosis - | 18·8 | 17 | 5 | 6 | 3 | 1 | 2 | - | - |
| Other Constitutional Diseases - - | 14·4 | 14 | - | 1 | 2 | 4 | 2 | 5 | - |
| Premature Birth - - | 49·7 | 50 | 50 | - | - | - | - | - | - |
| Atelectasis - - - | 3·8 | 7 | 7 | - | - | - | - | - | - |
| Congenital Malformations - - - | 9·7 | 8 | 8 | - | - | - | - | - | - |
| Old Age - - - - | 73·8 | 61 | - | - | - | - | - | 28 | 33 |
| Apoplexy - - - | 52·4 | 51 | - | - | - | - | 16 | 27 | 8 |
| Epilepsy - - - - | 9·3 | 1 | - | - | - | 1 | - | - | - |
| Convulsions - - - | 50·9 | 34 | 27 | 7 | - | - | - | - | - |
| Other Diseases of Brain and Nervous System | 98·4 | 92 | 8 | 12 | 6 | 7 | 17 | 33 | 9 |
| Diseases of Organs of Special Sense - | 2·8 | 2 | - | 1 | 1 | - | - | - | - |

| CAUSES OF DEATH | Corrected Averages for the 3rd Week of the 10 years 1888–97*. | In the Week ending Saturday, 22nd January 1898. Deaths of Persons of the Ages: All Ages. | Under 20. 0–1. | 1–5. | 5–20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 193·7 | 153 | 5 | 5 | 6 | 17 | 43 | 69 | 8 |
| Croup - - - - | 9·1 | 5 | 1 | 4 | - | - | - | - | - |
| Bronchitis - - - | 457·0 | 363 | 77 | 39 | 2 | 7 | 68 | 133 | 37 |
| Pneumonia - - - | 183·7 | 158 | 39 | 57 | 4 | 13 | 24 | 19 | 2 |
| Pleurisy - - - - | 5·7 | 5 | 1 | - | - | 2 | - | 2 | - |
| Other Diseases of Respiratory System - | 55·1 | 36 | 5 | 3 | - | 5 | 8 | 13 | 2 |
| Dentition - - - - | 10·8 | 6 | 3 | 3 | - | - | - | - | - |
| Quinsy, Sore Throat - | 2·3 | 2 | - | 1 | - | - | - | 1 | - |
| Enteritis - - - - | 10·3 | 17 | 9 | 3 | 2 | 1 | - | 2 | - |
| Peritonitis - - - | 6·8 | 8 | 1 | - | 3 | 3 | - | 1 | - |
| Diseases of Liver - - | 27·0 | 16 | 2 | 1 | - | 2 | 6 | 4 | 1 |
| Other Diseases of Digestive System | 32·2 | 37 | 11 | 2 | 1 | 3 | 10 | 8 | 2 |
| Diseases of Lymphatic System & of Ductless Glands - - - | 1·8 | 2 | 1 | - | 1 | - | - | - | - |
| Diseases of Urinary System - - - | 49·5 | 57 | 1 | 1 | 1 | 10 | 15 | 28 | 1 |
| Diseases of Generative System - - - | 5·4 | 4 | - | - | - | 2 | 1 | 1 | - |
| Accidents of Childbirth - | 5·1 | 2 | - | - | - | 2 | - | - | - |
| Diseases of Locomotive System - - - | 8·2 | 6 | - | - | - | 1 | 1 | 4 | - |
| Diseases of Integumentary System - - | 7·3 | 4 | - | 2 | - | - | - | 1 | 1 |
| VIOLENT DEATHS.‡ (ACCIDENT.) | | | | | | | | | |
| By Railways - - - | 62·4 | 2 | - | - | - | 1 | - | 1 | - |
| By Vehicles or Horses - | | 7 | - | - | 1 | 2 | 3 | 1 | - |
| In Ships, Boats, Docks, (exclusive of Drowning) - - - | | 3 | - | - | - | 1 | 2 | - | - |
| In Building Operations - | | - | - | - | - | - | - | - | - |
| In Conflagrations - - | | - | - | - | - | - | - | - | - |
| By Burns, Scalds, Explosions - - | | 10 | 1 | 2 | 6 | - | - | 1 | - |
| By Drowning - - - | | 11 | 1 | - | - | 7 | 2 | 1 | - |
| By Suffocation in Bed - | | 13 | 13 | - | - | - | - | - | - |
| By Poisons or Poisonous Vapours - - | | 2 | - | 2 | - | - | - | - | - |
| Other or not stated causes - - - | | 28 | 5 | 1 | - | 6 | 7 | 8 | 1 |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - | 1·9 | 1 | 1 | - | - | - | - | - | - |
| Suicide - - - - | 8·7 | 10 | - | - | - | 3 | 5 | 2 | - |
| Execution - - - | - | - | - | - | - | - | - | - | - |
| OTHER CAUSES - - | 59·4 | 42 | 37 | 4 | - | - | 1 | - | - |

* The numbers in this column are the average weekly deaths for the ten years 1888–97, raised by 5·230 per cent. for increase of population.

† Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

‡ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter or suicide. All such cases are classed under "accident."

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 22nd January, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Continued Fever. | Simple Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2631 | 2021 | 404 | 605 | - | 130 | 17 | 33 | 69 | - | 8 | - | 7 | 87 | 166 | 523 | 12 |
| WEST DISTRICTS - - - | 778,251 | 399 | 314 | 60 | 115 | - | 21 | 3 | 5 | 1 | - | - | - | 2 | 10 | 18 | 97 | 2 |
| NORTH DISTRICTS - - - | 1,040,694 | 551 | 444 | 92 | 139 | - | 31 | 2 | 10 | 17 | - | 4 | - | 3 | 23 | 42 | 124 | 1 |
| CENTRAL DISTRICTS - - - | 233,635 | 131 | 117 | 19 | 25 | - | 7 | - | 1 | 4 | - | - | - | - | 7 | 13 | 31 | - |
| EAST DISTRICTS - - - | 716,334 | 554 | 392 | 97 | 84 | - | 22 | - | 7 | 32 | - | 3 | - | 1 | 23 | 52 | 110 | - |
| SOUTH DISTRICTS - - - | 1,642,796 | 996 | 718 | 135 | 225 | - | 49 | 9 | 10 | 15 | - | 1 | - | - | 24 | 41 | 125 | 9 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | -- | - | 36 | 1 | 17 | - | - | 3 | - | - | - | - | - | 1 | - | - | 36 | - |
| WEST DISTRICTS. | | | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 46 | 30 | 7 | 9 | - | - | - | - | - | - | - | - | 1 | 3 | 2 | 9 | - |
| St. John Paddington *H* - - G. | 33,510 | 8 | 13 | - | 9 | - | - | - | - | - | - | - | - | - | 2 | 2 | 4 | - |
| Kensington Town *Ww* - - W. | 122,164 | 83 | 59 | 12 | 30 | - | 2 | - | - | - | - | - | - | 1 | 1 | 2 | 22 | - |
| Brompton *H* - - - W. & C. | 48,301 | 14 | 14 | 1 | 5 | - | - | - | - | - | - | - | - | - | - | 1 | 7 | - |
| St. Peter Hammersmith - - W. | 9,097 | 5 | 3 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Paul Hammersmith *HH* W. & G. | 35,102 | 48 | 35 | 9 | 11 | - | 2 | - | - | 1 | - | - | - | - | - | 1 | 3 | - |
| Fulham *Ww* - - - W. & C. | 113,781 | 74 | 48 | 12 | 16 | - | 3 | 3 | 5 | - | - | - | - | - | 3 | 4 | 19 | 1 |
| Chelsea Kensal Town - - C. | 21,450 | 12 | 7 | 2 | 3 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| Chelsea North *WHHHHH* - C. | 42,057 | 21 | 18 | 2 | 5 | - | 3 | - | - | - | - | - | - | - | - | - | 9 | - |
| Chelsea South *HH* - - C. | 33,139 | 15 | 18 | 3 | 6 | - | 4 | - | - | - | - | - | - | - | 1 | 3 | 2 | - |
| May Fair *W* - - - - G. | 23,827 | 9 | 7 | - | 3 | - | - | - | - | - | - | - | - | - | - | - | 6 | - |
| Belgrave *WHHH* - - - C. | 56,140 | 25 | 23 | 5 | 5 | - | 5 | - | - | - | - | - | - | - | - | - | 6 | 1 |
| St. John Westminster *HH* - C. | 31,492 | 16 | 13 | 2 | 4 | - | 2 | - | - | - | - | - | - | - | - | 1 | 1 | - |
| St. Margaret Westminster *H*- C. | 22,097 | 9 | 14 | 1 | 3 | - | - | - | - | - | - | - | - | - | - | 1 | 6 | - |
| St. James Westminster *WHH* N. & G. | 23,050 | 9 | 6 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | 2 | - |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 5 | 6 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| NORTH DISTRICTS. | | | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - - W. | 36,595 | 15 | 18 | 2 | 6 | - | - | - | - | 1 | - | 1 | - | - | - | - | 10 | - |
| Rectory Marylebone *W* G. & W. | 19,798 | 8 | 5 | 2 | 3 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 25 | 6 | 3 | 1 | - | - | - | - | - | - | - | - | - | 1 | 1 | 2 | - |
| Christchurch Marylebone *H* - W. | 32,547 | 15 | 11 | - | 5 | - | - | - | - | - | - | - | - | 1 | 1 | 2 | - | - |
| St. John Marylebone *HHH* W. | 32,611 | 18 | 16 | 2 | 6 | - | - | - | - | 1 | - | - | - | - | 1 | 2 | - | - |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 25 | 16 | 2 | 5 | - | 1 | 1 | 5 | 1 | - | - | - | - | - | - | 8 | - |
| Regent's Park Pancras *HH* - W. | 37,341 | 20 | 21 | 5 | 9 | - | - | - | - | - | - | - | - | - | 1 | 2 | 1 | 1 |
| Tottenham-court *wHHH* - N. & W. | 26,757 | 16 | 19 | 1 | 7 | - | 1 | - | - | 1 | - | - | - | - | 1 | 1 | 8 | - |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 19 | 18 | 6 | 1 | - | - | - | 1 | 1 | - | 1 | - | - | 2 | 4 | 9 | - |
| Somers Town *HH* - - - N. | 32,161 | 18 | 11 | 4 | - | - | 1 | - | - | - | - | - | - | - | 3 | 3 | 5 | - |
| Camden Town *WH* - - N. | 16,669 | 17 | 20 | 1 | 6 | - | 3 | - | - | - | - | - | - | - | 2 | 2 | 16 | - |
| Kentish Town *WW* - - N. | 98,410 | 54 | 38 | 12 | 12 | - | 4 | - | - | 1 | - | - | - | - | 2 | 3 | 10 | - |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 38 | 47 | 5 | 15 | - | 5 | - | - | - | - | 1 | - | - | 2 | 2 | 26 | - |
| Islington South-west H - N. | 107,365 | 69 | 34 | 10 | 8 | - | 2 | - | - | - | - | - | - | 1 | 2 | 6 | - | - |
| Islington South-east - - N. | 66,549 | 35 | 27 | 7 | 14 | - | 2 | - | - | 3 | - | - | - | - | - | 3 | - | - |
| Highbury *HH* - - - N. | 64,577 | 33 | 24 | 5 | 6 | - | 4 | - | - | 2 | - | - | - | - | 1 | 4 | - | - |
| Stoke Newington *H* - - N. | 33,485 | 15 | 8 | 1 | 4 | - | - | - | - | 2 | - | - | - | - | - | - | - | - |
| North Hackney - - E. & N. | 213,044 | 21 | 11 | 2 | 2 | - | 1 | - | - | 1 | - | 1 | - | - | - | 1 | - | - |
| Central Hackney *ww* - E. & N. | | 23 | 22 | 4 | 4 | - | - | 1 | 4 | - | - | - | - | - | 1 | 1 | 5 | - |
| South-west Hackney *HHH* E. & N. | | 36 | 35 | 9 | 9 | - | 2 | - | - | 2 | - | - | - | 1 | 3 | 5 | 7 | - |
| South-east Hackney *WwH* E.&N. | | 31 | 37 | 9 | 16 | - | 5 | - | - | 1 | - | - | - | - | - | - | 16 | - |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers are received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. The Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River; E. East London; and K. the Kent Company.

* See note † on first page of this Return.

ABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 22nd January, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population. 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CENTRAL DISTRICTS. | | | | | | | | | | | | | | | | | | |
| St. George Bloomsbury - - N. | 16,110 | 6 | 4 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Giles South *WH* - - N. | 12,976 | 10 | 10 | 1 | 4 | - | 2 | - | - | 1 | - | - | - | - | - | 1 | 2 | - |
| St. Giles North *H* - - - N. | 9,151 | 3 | 4 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Martin-in-the-Fields *HH* N. & C. | 13,077 | 2 | 5 | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | 2 | - |
| Strand *WHH* - - - - N. | 11,839 | 6 | 5 | - | - | - | 1 | - | - | - | - | - | - | - | - | 1 | 1 | - |
| *Strand Union Workhouse, Edmonton* | †*1,037* | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Holborn *wHHHHHHH* - N. | 31,042 | 16 | 24 | 5 | 5 | - | 1 | - | 1 | - | - | - | - | - | 1 | 2 | 8 | - |
| St. James Clerkenwell - - N. | 15,777 | 14 | 9 | 3 | 1 | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - |
| Amwell Clerkenwell - - N. | 34,356 | 19 | 12 | 4 | 1 | - | - | - | - | 1 | - | - | - | - | 2 | 3 | - | - |
| Goswell-street - - - - N. | 16,069 | 10 | 6 | 3 | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| City-road *HHHL* - - - N. | 29,897 | 28 | 12 | 1 | 3 | - | 2 | - | - | 2 | - | - | - | - | - | - | 3 | - |
| Whitecross-street - - - N. | 7,595 | 4 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Finsbury - - - - - N. | 4,035 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| *Holborn Union Workhouse, Mitcham* - - - - | †*892* | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| St. Botolph *H* - - N. & E. | 6,870 | 6 | 5 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| Cripplegate - - - - N. | 3,299 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Sepulchre *WH* - - - N. | 9,591 | 2 | 17 | - | 3 | - | - | - | - | - | - | - | - | - | 3 | 3 | 14 | - |
| Allhallows Barking - - - N. | 9,059 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Broad Street *H* - - - N. | 2,892 | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| *City of London Asylum, Stone* - - | †*388* | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| EAST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| Shoreditch South *Hl* - E. & N. | 17,975 | 7 | 7 | 2 | 3 | - | - | - | - | - | - | - | - | - | 3 | 4 | - | - |
| Hoxton New Town *w* - - N. | 29,575 | 23 | 19 | 3 | 8 | - | 2 | - | - | 1 | - | - | - | - | 1 | 2 | 5 | - |
| Hoxton Old Town - - - N. | 27,645 | 18 | 16 | 5 | 2 | - | - | - | - | 1 | - | - | - | - | - | 2 | - | - |
| Haggerston *WH* - - N. & E. | 47,163 | 40 | 43 | 9 | 10 | - | 8 | - | 2 | 2 | - | - | - | - | 3 | 9 | 14 | - |
| Bethnal Green North *H* - E. | 49,301 | 35 | 20 | 6 | 2 | - | 2 | - | - | 3 | - | - | - | - | - | - | - | - |
| Bethnal Green South - - E. | 34,194 | 25 | 14 | 2 | 4 | - | - | - | - | 3 | - | - | - | - | - | 2 | - | - |
| Bethnal Green East *WHl* - E. | 45,667 | 34 | 28 | 4 | 11 | - | - | - | 1 | 1 | - | - | - | - | - | 3 | 14 | - |
| Spitalfields - - - E. & N. | 26,681 | 17 | 5 | 3 | 2 | - | - | - | - | - | - | - | - | - | - | 2 | - | - |
| Mile End New Town *W* - E. | 12,816 | 17 | 16 | 1 | 5 | - | - | - | 1 | - | - | - | - | - | 1 | 2 | 12 | - |
| Whitechapel Church *H* - E. & N. | 25,561 | 20 | 25 | 9 | 2 | - | - | - | - | 1 | - | - | - | - | 5 | 5 | 17 | - |
| Goodman's Fields - - - E. | 13,618 | 8 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. George's North - - - E. | 39,576 | 38 | 22 | 10 | 1 | - | - | - | - | 3 | - | - | - | 1 | 1 | 2 | - | - |
| St. John, St. George East *W* E. | 7,930 | 8 | 9 | 1 | 2 | - | - | - | - | - | - | 1 | - | - | - | - | 6 | - |
| Shadwell *H* - - - E. & N. | 10,434 | 4 | 9 | 6 | - | - | - | - | - | - | - | - | - | - | - | 2 | 7 | - |
| Ratcliff *W* - - - - E. | 14,954 | 7 | 4 | 1 | 1 | - | - | - | 1 | - | - | - | - | - | - | - | - | - |
| Limehouse - - - - - E. | 32,917 | 32 | 14 | 3 | 2 | - | 2 | - | - | 4 | - | - | - | - | - | 1 | - | - |
| Mile End Old Town West *H* E. | 111,060 | 54 | 17 | 6 | 1 | - | - | - | - | 4 | - | - | - | - | 1 | 2 | 1 | - |
| Mile End Old Town East *WWww* - E. | | 37 | 30 | 7 | 11 | - | 2 | - | - | 3 | - | - | - | - | - | 2 | 12 | - |
| Bow *l* - - - - - E. | 41,687 | 34 | 25 | 8 | - | - | 1 | - | 2 | 2 | - | 1 | - | - | - | 1 | - | - |
| Bromley *wwwH* - - - E. | 69,821 | 61 | 41 | 7 | 11 | - | 3 | - | - | 3 | - | - | - | - | 4 | 7 | 21 | - |
| Poplar *WW* - - - - E. | 57,759 | 35 | 26 | 4 | 6 | - | 2 | - | - | 1 | - | 1 | - | - | 4 | 4 | 1 | - |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 22nd January, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WHL*.&S. | 13,064 | 11 | 7 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Saviour Southwark - - S. | 12,301 | 3 | 7 | 1 | 2 | - | 2 | - | 1 | - | - | - | - | - | 1 | 2 | - | - |
| Kent-road - - - - S. & L. | 22,879 | 11 | 11 | 2 | 3 | - | 3 | - | - | 1 | - | - | - | - | 2 | 2 | - | - |
| Borough-road *WH* - S. & L. | 16,083 | 19 | 10 | 2 | 1 | - | - | - | - | - | - | - | - | - | 1 | 1 | 3 | 1 |
| London-road *HL* - - L. & S. | 21,316 | 21 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Trinity Newington - - S. & L. | 28,723 | 12 | 12 | 2 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Peter Walworth *W* - S. & L. | 62,045 | 36 | 12 | 1 | 3 | - | - | - | - | - | - | - | - | - | 1 | 1 | 1 | - |
| St. Mary Newington- - L. & S. | 30,171 | 29 | 11 | 3 | 1 | - | - | - | - | - | - | - | - | - | 1 | 1 | - | 2 |
| St. Olave *WH*- - - - S. | 11,731 | 7 | 23 | 7 | 3 | - | 1 | - | - | - | - | - | - | - | 2 | 3 | 16 | 1 |
| Leather Market *W* - S. & L. | 32,339 | 28 | 21 | 3 | 5 | - | 7 | - | - | 1 | - | - | - | - | - | 1 | 1 | 1 |
| St. James Bermondsey - - S. | 53,136 | 48 | 20 | 6 | 10 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Rotherhithe *WwH* - S. & K. | 40,379 | 22 | 17 | 2 | 4 | - | - | - | - | - | - | - | - | - | 3 | 3 | 5 | - |
| Waterloo-road *HH* - L. & S. | 28,396 | 34 | 8 | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 13 | 18 | 1 | 3 | - | 1 | - | - | - | - | - | - | - | 1 | 1 | 7 | - |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 43 | 37 | 6 | 16 | - | 1 | - | - | - | - | - | - | - | 1 | 3 | 19 | - |
| Kennington 1st *H* - - S. & L. | 52,486 | 42 | 22 | 6 | 7 | - | 6 | - | - | - | - | - | - | - | 1 | 2 | 1 | - |
| Kennington 2nd - - S. & L. | 43,244 | 26 | 13 | 5 | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Brixton *w* - - - L. & S. | 81,825 | 32 | 27 | 4 | 9 | - | - | 1 | 2 | 1 | - | - | - | - | - | 3 | 2 | 1 |
| Norwood *WH*- - - - L. | 29,318 | 20 | 12 | - | 5 | - | - | - | - | 1 | - | - | - | - | - | 1 | - | - |
| East Battersea - - - - S. | 71,730 | 55 | 30 | 9 | 3 | - | 3 | - | - | 1 | - | - | - | - | 3 | 5 | - | - |
| West Battersea *WwH* - - S | 93,385 | 53 | 51 | 10 | 19 | - | 4 | - | - | 1 | - | - | - | - | 3 | 3 | 11 | - |
| Clapham *H* - - - - S. | 46,953 | 16 | 18 | 3 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | - |
| Wandsworth *WHHL* - - S. | 58,101 | 30 | 21 | 8 | 5 | - | - | - | - | 2 | - | - | - | - | - | - | - | - |
| Putney - - - - - S. | 20,566 | 13 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Streatham *Wwww*- - - L. | 61,644 | 18 | 26 | 4 | 12 | - | 1 | - | 2 | 1 | - | - | - | - | - | - | 7 | - |
| Dulwich - - - - L. & S. | 7,519 | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Camberwell *Wwll* - S. & L. | 90,286 | 41 | 58 | 5 | 26 | - | 8 | - | - | 1 | - | - | - | - | 1 | 2 | 20 | 2 |
| Peckham *WW* - S., L., & K. | 88,242 | 58 | 36 | 7 | 10 | - | 6 | - | - | - | - | - | - | - | - | - | - | - |
| St. George Camberwell - L. & S. | 67,029 | 40 | 31 | 8 | 6 | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - |
| Deptford North - - - K. | 36,152 | 28 | 10 | 4 | 1 | - | - | - | - | - | - | - | - | - | - | 2 | - | - |
| Deptford Central *w* - - K. | 45,441 | 27 | 22 | 4 | 4 | - | 1 | 3 | 3 | 1 | - | 1 | - | - | - | - | 8 | - |
| Deptford South - - - K. | 33,402 | 12 | 11 | 2 | 4 | - | - | - | - | 1 | - | - | - | - | - | 1 | - | - |
| Greenwich West *H* - - K. | 23,012 | 8 | 12 | 5 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | 1 |
| Greenwich East *WH* - - K. | 37 767 | 23 | 17 | 2 | 8 | - | - | - | - | 1 | - | - | - | - | 2 | 3 | 9 | - |
| Eltham *wH* - - - - K. | 5,911 | 3 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Lee *H* - - - - - K. | 24,222 | 9 | 9 | - | 4 | - | - | - | - | 1 | - | - | - | - | - | - | 1 | - |
| Lewisham *WwH* - - - K. | 38,139 | 15 | 15 | - | 11 | - | - | 2 | - | - | - | - | - | - | - | - | 6 | - |
| Sydenham *H* - - - - L. | 37,601 | 22 | 11 | 2 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Charlton *wHH* - - K. | 15,928 | 7 | 13 | 1 | 4 | - | - | 3 | 2 | - | - | - | - | - | - | - | 5 | - |
| Woolwich Dockyard - - K. | 19,355 | 8 | 4 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 15 | 11 | 4 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| Plumstead West *H* - - K. | 16,714 | 9 | 6 | - | 2 | - | 2 | - | - | - | - | - | - | - | - | - | - | - |
| Plumstead East *WH* - - K. | 42,538 | 29 | 10 | 1 | 5 | - | - | - | - | 1 | - | - | - | - | - | - | 2 | - |
| Banstead Asylum - - - - | — | - | 5 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | 5 | - |
| Caterham Asylum - - - - | — | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Cane Hill Asylum - - - - | — | - | 7 | - | 4 | - | - | - | - | - | - | - | - | - | - | - | 7 | - |
| Hospital Ships and Camp, Dartford | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Darenth Asylum - - - - | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Hanwell Asylum - - - - | — | - | 4 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | 4 | - |
| Colney Hatch Asylum - - - | — | - | 6 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | 6 | - |
| N.E. Hospital - - - - - | — | - | 2 | 1 | - | - | - | 2 | - | - | - | - | - | - | - | - | 2 | - |
| Winchmore Hill Hospital - - | — | - | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - | - | 1 | - |
| Leavesden Asylum - - - - | — | - | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 2 | - |
| Claybury Asylum - - - - | — | - | 8 | - | 6 | - | - | - | - | - | - | - | - | 1 | - | - | 8 | - |

BLE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 22nd January, 1898.

| Registration District and Sub-district Numbers. | REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years & upwds. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LONDON—OUTER RING - | 368,749 | 1,422,063 | 983 | 576 | 114 | 190 | - | 28 | 2 | 7 | 20 | 5 | 6 | 17 | 32 | 57 | 6 |
| 30 : 1 | Carshalton *wHH* - - | 12,228 | 26,108 | 14 | 3 | - | 2 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Epsom, *part of** *WwHH* - | 10,423 | 12,508 | 3 | 5 | 1 | 3 | - | - | - | - | - | - | - | - | 1 | - | - |
| 37 : 1 | Godstone, *part of** *W* - | 2,754 | 1,598 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 38 : 1 | Croydon *WwHHH* - - | 20,851 | 128,699 | 59 | 45 | 10 | 19 | - | 3 | - | - | 1 | 1 | - | 1 | 2 | 7 | - |
| 2 | Mitcham *w* - - - | 11,697 | 23,088 | 24 | 7 | 1 | 4 | - | - | - | - | - | - | - | - | - | - | - |
| 39 : 1 | Wimbledon *HHH* - - | 3,220 | 25,761 | 17 | 9 | 3 | 2 | - | - | - | - | - | - | - | 1 | 1 | - | - |
| 2 | Kingston *W* - - - | 8,071 | 33,566 | 21 | 11 | 2 | 8 | - | - | - | - | - | - | - | - | - | 2 | - |
| 3 | Surbiton *H-* - - - | | 11,199 | 1 | 8 | - | 5 | - | - | - | - | - | - | - | - | - | 1 | - |
| 4 | Esher, *part of** *HH* - - | 6,601 | 12,059 | 12 | 3 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 5 | Hampton *HL* - - - | 4,565 | 18,252 | 7 | 6 | - | 2 | - | - | - | - | - | - | - | - | - | - | - |
| 40 : 1 | Richmond *WH-* - - | 2,160 | 25,389 | 14 | 12 | - | 3 | - | 1 | - | - | - | - | - | - | - | 1 | - |
| 2 | Mortlake *H* - - - | 2,823 | 16,159 | 16 | 5 | 1 | 1 | - | - | - | - | 1 | - | - | - | 1 | - | 1 |
| 41 : 1 | Bromley *HHH* - - - | 9,127 | 23,815 | 14 | 3 | 3 | - | - | - | - | - | 1 | - | 1 | - | - | - | - |
| 2 | Beckenham *H* - - - | 6,542 | 21,969 | 12 | 5 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 14 | 8 | - | 7 | - | - | - | - | 1 | - | - | - | - | 2 | - |
| 42 : 1 | Bexley *HHH* - - - | 12,540 | 30,590 | 20 | 13 | 4 | 7 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Dartford *WH*, part of* - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 24 : 1 | Sunbury *w* - - - | 11,054 | 13,671 | 10 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Staines *WH* - - - | 13,277 | 13,221 | 11 | 5 | 1 | 3 | - | - | - | - | - | - | - | - | - | 2 | - |
| 25 : 1 | Hillingdon *WHH* - - | 6,035 | 12,237 | 7 | 9 | 1 | 5 | - | - | - | 1 | - | 1 | - | - | - | 3 | - |
| 2 | Uxbridge - - - - | 12,757 | 7,253 | 2 | 5 | - | 2 | - | - | - | - | 1 | - | - | - | - | - | - |
| 3 | Hayes *wH-* - - - | 7,952 | 11,051 | 9 | 8 | 2 | 4 | - | - | - | - | 1 | - | - | - | - | - | - |
| 26 : 1 | Isleworth *WHH* - - | 6,967 | 26,004 | 19 | 25 | 5 | 11 | - | - | - | - | 1 | - | - | 1 | 2 | 11 | - |
| 2 | Twickenham *HH* - - | 2,415 | 16,027 | 9 | 8 | 2 | 2 | - | 1 | - | - | - | - | 2 | - | - | - | - |
| 3 | Brentford *HHHH* - - | 4,318 | 37,777 | 19 | 16 | 3 | 6 | - | - | - | - | 1 | - | - | - | - | - | - |
| 4 | Chiswick - - - - | 1,245 | 21,963 | 19 | 6 | 1 | - | - | - | - | - | - | 1 | - | - | - | - | - |
| 5 | Acton *wH* - - - - | 6,132 | 30,945 | 19 | 19 | 2 | 6 | - | - | - | 1 | 1 | - | - | 2 | 3 | - | - |
| 27 : 1 | Harrow *HHH* - - - | 13,809 | 15,715 | 7 | 5 | - | 4 | - | - | - | - | - | - | - | - | - | - | 1 |
| 2 | Edgware *HH* - - - | 6,994 | 3,844 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Willesden *HHH* - - | 4,383 | 61,265 | 70 | 26 | 6 | 10 | - | 1 | 1 | - | - | - | - | - | - | 1 | 1 |
| 4 | Hendon *WH* - - - | 8,382 | 15,843 | 7 | 10 | - | 4 | - | 1 | - | - | 1 | - | - | - | - | 3 | - |
| 28 : 1 | South Mimms *HH* - - | 15,599 | 8,474 | 5 | 3 | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Barnet *WHH* - - - | 5,478 | 12,045 | 10 | 5 | 1 | 3 | - | - | - | - | - | - | - | - | - | 1 | - |
| 3 | Finchley *HHH-* - - | 4,688 | 25,820 | 21 | 9 | - | 5 | - | 1 | - | - | - | - | - | - | - | - | - |
| 29 : 1 | Hornsey *HH* - - - | 3,039 | 61,097 | 27 | 20 | 5 | 6 | - | - | - | - | 1 | - | - | 2 | 4 | - | - |
| 2 | Tottenham *HH-* - - | 4,642 | 97,174 | 64 | 40 | 12 | 7 | - | 3 | - | 3 | - | 1 | 2 | - | 2 | 1 | - |
| 3 | Edmonton *Www* - - | 7,489 | 36,351 | 26 | 18 | 4 | 5 | - | 2 | - | - | 5 | - | - | - | 2 | 3 | - |
| 4 | Enfield *WWHH* - - | 12,602 | 31,536 | 17 | 9 | 2 | - | - | 1 | - | - | 2 | - | - | - | - | - | - |
| 5 | Waltham Abbey - - - | 11,017 | 6,066 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 6 | Cheshunt *H* - - - | 8,480 | 9,620 | 4 | 3 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - |
| 35 : 1 | Hatfield, *part of** *W* - - | 3,306 | 582 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 37 : 1 | Bushey *H* - - - - | 9,331 | 7,737 | 4 | 3 | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Watford *WH*, part of* - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 38 : 1 | Stratford *H* - - - | 1,100 | 42,983 | 32 | 24 | 8 | 4 | - | 2 | - | - | 1 | 1 | - | 1 | 2 | - | 1 |
| 2 | Plaistow *WHH-* - - | 1,242 | 58,030 | 63 | 23 | 2 | 2 | - | 1 | - | - | - | - | - | 2 | 2 | 1 | - |
| 3 | Canning Town *H* - - | 1,558 | 54,750 | 37 | 21 | 6 | 2 | - | - | - | - | 1 | - | - | 3 | 3 | 2 | 1 |
| 4 | Forest Gate *w* - - - | 806 | 49,140 | 36 | 9 | 3 | 3 | - | - | - | - | - | - | - | 1 | 1 | - | 1 |
| 5 | East Ham *wH-* - - - | 3,266 | 32,713 | 59 | 16 | 5 | 2 | - | 3 | - | 1 | - | - | - | - | - | - | - |
| 6 | Leyton *WWWwH* - - | 4,334 | 70,188 | 47 | 42 | 3 | 18 | - | 1 | 1 | - | - | - | - | 1 | 4 | 12 | - |
| 7 | Walthamstow *HHL-* - | 6,501 | 57,330 | 48 | 24 | 4 | 4 | - | 5 | - | 1 | - | - | - | - | - | - | - |
| 187 : 1 | Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 1 | 3 | - | - | - | - | - | - | - | - | - | 1 | 1 | 1 | - |
| 2 | Epping *WH*, part of*- - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 189 : 1 | Romford, *part of** *WH* - | 6,556 | 4,324 | 2 | 6 | - | 1 | - | - | - | - | - | - | - | - | - | 2 | - |
| 2 | Ilford - - - - - | 8,493 | 10,913 | 10 | 5 | - | 3 | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Barking Town, *H* - - | 3,814 | 14,301 | 10 | 6 | 4 | - | - | 2 | - | - | - | - | 1 | 1 | 1 | - | - |
| | London Co. Lunatic Asy., Cane Hill. | — | — | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30 : 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37 : 1, the parishes of Warlingham and Farley in Godstone sub-district; 39 : 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41 : 3, Chislehurst sub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135 : 1, the parish of Northaw in Hatfield sub-district; 187 : 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (pop. 1,079); 189 : 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for Infectious Diseases belonging to the Outer Ring in 42 : 2, Dartford; 137 : 2, Watford; and 187 : 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 22nd January, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | ANNUAL RATE of MORTALITY per 1000 living. | | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Deaths of | | Deaths from | | | | | | | | | |
| | | | From All Causes. | From Diseases in Cols. 8-14. | | Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Deaths in Public Institutions. |
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. | 16. |
| GREATER LONDON | **443,421** | **6,408,321** | **21·1** | **2·7** | **2597** | **518** | **795** | **–** | **158** | **19** | **40** | **89** | **13** | **13** | **104** | **580** |
| INNER LONDON - | 74,672 | 4,504,766 | 23·4 | 3·1 | 2021 | 404 | 605 | – | 130 | 17 | 33 | 69 | 8 | 7 | 87 | 523 |
| OUTER RING - | 368,749 | 1,903,555 | 15·8 | 1·9 | 576 | 114 | 190 | – | 28 | 2 | 7 | 20 | 5 | 6 | 17 | 57 |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent to the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN, and in certain FOREIGN CITIES.

| CITIES | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of Stillborn | DEATHS. Exclusive of Stillborn | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM PRINCIPAL ZYMOTIC DISEASES. | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœal Diseases. |
| EDINBURGH - | 295,628 | January 22 | 148 | 91 | 16·1 | – | – | 3 | 1 | – | – | 2 |
| GLASGOW - - | 724,349 | „ 22 | 464 | 256 | 18·4 | – | 10 | 1 | – | 12 | 3 | 8 |
| DUBLIN - - | 349,594 | „ 22 | 171 | 221 | 33·0 | – | – | 2 | 6 | 2 | 8 | 3 |
| CALCUTTA - - | 466,460 | December 11 | – | 293 | 32·7 | – | – | – | – | – | 108 | 32† |
| BOMBAY - - | 821,764 | „ 28 | 248 | 949 | 60·1 | – | 7 | ? | ? | ? | 290‡ | 81† |
| MADRAS - - | 452,518 | „ 17 | – | – | – | – | – | – | – | – | – | – |
| PARIS - - - | 2,511,629 | January 15 | 1022 | 1214 | 25·1 | – | 11 | 2 | 10* | 4 | – | 30 |
| BRUSSELS - - | 531,011 | „ 15 | 261 | 195 | 19·1 | – | 1 | – | 1* | 1 | 4 | 10 |
| AMSTERDAM - | 500,091 | „ 8 | 286 | 145 | 15·0 | – | – | – | 5 | – | 4 | – |
| ROTTERDAM - | 230,004 | „ 8 | 203 | 101 | 18·1 | – | – | – | 3 | 3 | – | – |
| THE HAGUE - | 191,529 | „ 8 | 92 | 72 | 19·4 | – | – | – | – | 2 | 1 | – |
| COPENHAGEN - | 340,500 | „ 8 | 191 | 127 | 19·4 | – | 1 | 2 | 1 | – | – | – |
| STOCKHOLM - | 274,611 | „ 8 | 116 | 88 | 16·7 | – | 1 | 1 | 2* | 1 | 1 | 5 |
| CHRISTIANIA - | 192,141 | „ 15 | 153 | 59 | 16·0 | – | – | – | – | – | 1 | – |
| ST. PETERSBURG | 954,400 | „ 8 | 499 | 598 | 32·7 | 3 | 12 | 8 | 29 | 1 | 20 | 64 |
| MOSCOW - - | 753,469 | „ 8 | – | 521 | 36·1 | 2 | 11 | 17 | 13 | – | 6 | 31 |
| BERLIN - - | 1,726,098 | „ 1 | – | – | – | – | – | – | – | – | – | – |
| HAMBURG - - | 661,015 | „ 15 | – | 174 | 13·7 | – | – | 2 | 1* | 2 | 1 | 7 |
| DRESDEN - - | 347,485 | December 11 | – | – | – | – | – | – | – | – | – | – |
| BRESLAU - - | 385,193 | January 15 | – | 144 | 19·5 | – | – | 2 | 4* | 2 | – | 16 |
| MUNICH - - | 430,000 | „ 15 | – | 219 | 26·5 | – | 6 | 1 | 6* | 6 | 1 | 28 |
| VIENNA - - | 1,574,129 | „ 15 | 804 | 610 | 20·2 | – | 13 | 5 | 17* | 2 | 1 | 41 |
| PRAGUE - - | 377,109 | „ 15 | 208 | 171 | 23·6 | – | – | 4 | 5 | – | 1 | 3 |
| BUDA-PESTH - | 629,486 | „ 8 | 455 | 217 | 17·4 | – | 4 | 2 | – | 1 | 2 | 8 |
| TRIESTE - - | 163,979 | „ 8 | – | – | – | – | – | – | – | – | – | – |
| ROME - - - | 483,560 | December 11 | 243 | 174 | 18·8 | – | 3 | 1 | 1 | 1 | 6§ | 11 |
| TURIN (10 days) | 344,203 | „ 10 | 181 | 144 | 15·6 | – | 2 | – | – | – | 2 | 4 |
| VENICE - - | 166,069 | January 8 | 72 | 89 | 27·9 | – | – | – | 1 | – | 1 | 7 |
| CAIRO - - | 374,838 | November 11 | 469 | 328 | 45·6 | 1 | – | – | 10* | – | 5 | 75 |
| ALEXANDRIA - | 231,396 | „ 11 | 236 | 128 | 28·8 | 1 | – | – | 1* | – | 3 | 37 |
| NEW YORK - | 2,003,000 | January 1 | – | 733 | 18·9 | – | 8 | 20 | 19 | 6 | 8 | 6 |
| BROOKLYN - | 1,160,000 | „ 1 | – | 400 | 17·7 | – | 3 | 5 | 19 | 4 | 7 | 2 |
| PHILADELPHIA - | 1,214,256 | „ 8 | – | 474 | 20·3 | – | 4 | 6 | 31 | 3 | 15 | 9 |

* Including deaths from croup.
† Including 7 deaths from cholera in Calcutta, and 4 in Bombay.
‡ Including 200 deaths from bubonic fever.
§ Including 2 deaths from malarial fever.

[*Under the Superintendence of the Astronomer Royal.*]

| 1898. Month and Day. | Phases of the Moon. | Barometer. Mean daily reading (corrected and reduced to 32° Fahrenheit). | Temperature. Of the Air. Highest. | Temperature. Of the Air. Lowest. | Temperature. Of the Air. Daily Range. | Temperature. Of the Air. Mean daily value. | Temperature. Of the Air. Departure from Average of 50 years. | Temperature. Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Difference. Greatest. | Difference. Least. | Degree of Humidity (Saturation equals 100). | Temperature. Of Radiation. Highest in Sun's Rays. | Temperature. Of Radiation. Lowest on the Grass. | Temperature. Of the Earth 3 feet below the Surface. | Wind as deduced from Anemometers. Osler's. General Direction. A.M. | Wind. Osler's. General Direction. P.M. | Wind. Osler's. Pressure on the Square Foot. Greatest. | Wind. Osler's. Pressure. Least. | Wind. Osler's. Pressure. Mean of 24 hourly obs. | Wind. Robinson's. Horizontal Movement of the Air on each Day. | Wind. Robinson's. Departure from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JANUARY. | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| SUNDAY - 16 | .. | 30·402 | 38·3 | 34·2 | 4·1 | 35·9 | − 2·6 | 35·9 | 0·0 | 1·0 | 0·0 | 100 | 44·5 | 34·0 | 44·72 | SE. | SE. | 0·5 | 0·0 | 0·0 | 114 | −212 | 0·00 | 0·0 |
| MONDAY - 17 | .. | 30·285 | 35·8 | 30·0 | 5·8 | 32·9 | − 5·6 | 32·6 | 0·3 | 2·0 | 0·0 | 99 | 49·8 | 30·0 | 44·58 | SE., SSW. & SW. | WSW., SW. & S. | 0·1 | 0·0 | 0·0 | 81 | −247 | 0·00 | 0·0 |
| TUESDAY - 18 | .. | 30·206 | 50·8 | 35·0 | 15·8 | 45·2 | + 6·7 | 42·2 | 3·0 | 6·1 | 0·0 | 89 | 74·1 | 32·7 | 44·35 | SSW. & SW. | SW. & SSW. | 2·5 | 0·0 | 0·2 | 331 | + 1 | 0·00 | 0·2 |
| WEDNESDAY 19 | Greatest Dec. S. | 30·151 | 52·2 | 47·6 | 4·6 | 50·3 | +11·8 | 45·6 | 4·7 | 6·1 | 2·7 | 84 | 59·9 | 43·0 | 44·30 | SW. & WSW. | SW. & WSW. | 4·6 | 0·0 | 0·7 | 444 | +113 | 0·00 | 0·8 |
| THURSDAY- 20 | Perigee | 30·211 | 53·0 | 48·7 | 4·3 | 51·5 | +13·1 | 49·3 | 2·2 | 3·6 | 1·8 | 92 | 55·7 | 43·9 | 44·59 | SW. & WSW. | WSW. | 3·3 | 0·0 | 0·4 | 381 | + 49 | 0·07 | 0·0 |
| FRIDAY - 21 | .. | 30·304 | 53·0 | 49·5 | 3·5 | 51·3 | +13·0 | 49·3 | 2·0 | 3·8 | 0·6 | 93 | 57·1 | 44·2 | 45·07 | WSW. | WSW. | 2·2 | 0·0 | 0·1 | 277 | − 55 | 0·05 | 0·0 |
| SATURDAY - 22 | New | 30·286 | 53·8 | 41·2 | 12·6 | 48·6 | +10·3 | 42·3 | 6·3 | 11·4 | 0·6 | 79 | 79·1 | 36·5 | 45·60 | WSW. & W. | WNW. & NE. | 5·2 | 0·0 | 0·6 | 381 | + 48 | 0·00 | 0·0 |
| MEANS - - | | 30·264 | 48·1 | 40·9 | 7·2 | 45·1 | + 6·7 | 42·5 | 2·6 | 4·9 | 0·8 | 91 | 60·0 | 37·8 | 44·74 | SW. | | .. | .. | .. | Sum 2009 | Sum −303 | Sum 0·12 | 0·1 |
| No. of Column - | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| DATE. JANUARY. | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | GENERAL REMARKS. |
|---|---|---|---|---|
| SUNDAY - 16 | w. P. till 10h. A.M.; s. P. afterwards. | 0·0 | 8·3 | Overcast. Foggy at times. Very damp and cold. |
| MONDAY - 17 | s. P. generally - | 0·0 | 8·4 | Cloudy and foggy throughout. Cold and damp. Pale gleams of sunshine between 1h. and 2h. P.M. |
| TUESDAY - 18 | w. P. throughout - | 1·1 | 8·4 | Fine and partially cloudy till afternoon; overcast afterwards. Warmer. |
| WEDNESDAY 19 | w. P. throughout - | 0·0 | 8·5 | Overcast till afternoon; partially cloudy afterwards. Very mild. |
| THURSDAY- 20 | w. P. throughout - | 0·0 | 8·5 | Overcast. Occasional rain. Very mild. |
| FRIDAY - 21 | w. P. throughout - | 0·0 | 8·6 | Gentle rain in morning. Overcast with slight exceptions throughout. Very mild. |
| SATURDAY - 22 | w. P. throughout - | 2·3 | 8·6 | Overcast in morning; fine and partially cloudy till evening; cloudless at night. Very mild. |
| | | Sum 3·4 | Sum 59·3 | |
| No. of Col. - - | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased from 30·47 in. at the beginning of the week to 30·13 in. by 3h. P.M. on the 19th; increased to 30·33 in. by 9h. P.M. on the 21st; decreased to 30·26 in. by 3h. P.M. on the 22nd; and increased to 30·41 in. by the end of the week.

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1898.

OFFICIAL COPY.

# WEEKLY RETURN
OF
# BIRTHS AND DEATHS IN LONDON
AND IN
# THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

*Printed under the Superintendence of Her Majesty's Stationery Office,*
AND SOLD BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 4. 1898. VOL. LIX.] WEEK ENDING SATURDAY, JAN. 29. [Price 1½*d*.

*General Register Office, Somerset House,*
*January* 31*st*, 1898.

## THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 18·7 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS. | Weeks ending | | | | TOWNS. | Weeks ending | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Jan. 8. | Jan. 15. | Jan. 22. | Jan. 29. | | Jan. 8. | Jan. 15. | Jan. 22. | Jan. 29. |
| **33 Great Towns** | **21·4** | **20·6** | **20·6** | **18·7** | Leicester - - | 17·5 | 17·2 | 16·2 | 15·2 |
| Birkenhead - | 17·5 | 12·9 | 10·6 | 14·7 | Liverpool - - | 22·4 | 25·3 | 22·8 | 18·8 |
| Birmingham - | 23·7 | 22·2 | 21·1 | 22·4 | London - - - | 23·0 | 22·9 | 23·4 | 20·4 |
| Blackburn - | 25·0 | 20·0 | 19·2 | 20·0 | Manchester - - | 22·7 | 20·6 | 20·6 | 18·0 |
| Bolton - - | 20·4 | 17·9 | 19·2 | 16·2 | Newcastle-on-Tyne | 18·0 | 19·4 | 15·9 | 17·3 |
| Bradford - | 19·2 | 14·3 | 20·5 | 17·0 | Norwich - - | 27·5 | 28·9 | 19·1 | 22·9 |
| Brighton - | 16·6 | 18·8 | 18·3 | 22·6 | Nottingham - - | 19·2 | 14·8 | 19·0 | 17·2 |
| Bristol - | 17·9 | 15·6 | 16·0 | 17·1 | Oldham - - | 15·8 | 16·5 | 15·5 | 13·0 |
| Burnley - | 21·4 | 14·8 | 19·0 | 14·8 | Plymouth - - | 26·8 | 23·7 | 18·9 | 18·9 |
| Cardiff - - | 12·6 | 12·6 | 13·5 | 13·8 | Portsmouth - - | 16·5 | 14·8 | 16·2 | 19·3 |
| Croydon - | 18·4 | 13·8 | 15·1 | 11·3 | Preston - - | 21·1 | 18·4 | 22·0 | 12·5 |
| Derby - - | 23·4 | 19·4 | 17·4 | 14·4 | Salford - - - | 24·4 | 19·6 | 19·3 | 20·5 |
| Gateshead - | 23·6 | 17·1 | 19·1 | 12·6 | Sheffield - - | 18·9 | 18·9 | 19·7 | 20·0 |
| Halifax - | 18·9 | 21·6 | 20·5 | 22·1 | Sunderland - - | 18·8 | 20·7 | 20·3 | 15·6 |
| Huddersfield- | 23·9 | 12·2 | 15·8 | 12·2 | Swansea - - | 21·5 | 13·3 | 14·8 | 15·8 |
| Hull - - | 17·5 | 17·9 | 18·1 | 14·1 | West Ham - - | 17·8 | 17·8 | 15·3 | 15·8 |
| Leeds - - | 20·9 | 19·8 | 20·2 | 16·1 | Wolverhampton - | 18·4 | 29·6 | 21·9 | 29·6 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·0 in Swansea and in Gateshead, 1·1 in Oldham and in Hull, 1·4 in Birkenhead, 1·6 in Blackburn, 1·8 in Sunderland, and 2·0 in Bristol; and from *whooping-cough*, 1·0 in London, in Derby, in Sheffield, and in Gateshead, 1·1 in Portsmouth, and 1·9 in Norwich. In no case did the death-rate from *scarlet fever*, from "*fever*," or from *diarrhœa* reach 1·0 per 1000 in any of the thirty-three towns. The 82 deaths from *diphtheria* included 36 in London, 6 in Cardiff, 6 in Wolverhampton, 4 in Birmingham, 4 in Liverpool, 4 in Leeds, 3 in West Ham, and 3 in Burnley. No death from *small-pox* was registered in any of the thirty-three towns.

## LONDON.

In LONDON† 2639 BIRTHS and 1764 DEATHS were registered. Allowing for increase of population, the births were 148, and the deaths 254, below the average numbers in the corresponding weeks of the last ten years. The

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

annual death-rate per 1000 from all causes, which had been 23·0, 22·9, and 23·4 in the preceding three weeks, fell again last week to 20·4. During the four weeks ending on Saturday last the death-rate averaged 22·4 per 1000, being 2·9 per 1000 below the mean rate in the corresponding periods of the ten years 1888–97.

The 1764 deaths included 79 from measles, 17 from scarlet fever, 36 from diphtheria, 84 from whooping-cough, 9 from enteric fever, 1 from an ill-defined form of continued fever, 10 from diarrhœa and dysentery, and not one death from small-pox, from typhus, or from cholera; thus, 236 deaths were referred to these diseases, being 35 above the corrected average weekly number.

The deaths from *measles*, which had been 130, 134, and 130 in the preceding three weeks, further fell last week to 79, but were 38 above the corrected average; 10 cases belonged to Islington, 6 to Mile End Old Town, 6 to Lambeth, and 6 to Wandsworth sanitary areas. The deaths from *scarlet fever*, which had been 19, 15, and 17 in the preceding three weeks, were again 17 last week, the corrected average being 18: 2 cases belonged to Kensington, 2 to Fulham, 2 to Islington, and 2 to Camberwell sanitary areas. The deaths from *diphtheria*, which had been 50, 44, and 33 in the preceding three weeks, rose again last week to 36, but were 3 below the corrected average; 5 cases belonged to Battersea, 4 to Kensington, and 4 to Camberwell sanitary areas. The deaths from *whooping-cough*, which had been 65, 76, and 69 in the preceding three weeks, rose again last week to 84, and were 7 above the corrected average; 10 cases belonged to Shoreditch, 10 to Poplar, 8 to Bethnal Green, and 7 to Hackney sanitary areas. The fatal cases of *enteric fever*, which had been 10, 9, and 8 in the preceding three weeks, were 9 last week, the corrected average being 11; 2 cases belonged to Paddington and 2 to St. Pancras sanitary areas. The deaths from *diarrhœa*, which had been 10, 10, and 7 in the preceding three weeks, rose again last week to 10, but were 5 below the corrected average. The deaths referred to diseases of the respiratory organs, which had been 533, 516, and 567 in the preceding three weeks, fell again last week to 471, and were 116 below the corrected average. The deaths attributed directly to *influenza* numbered 88, having been 43, 40, and 73 in the preceding three weeks.

Different forms of violence caused 52 deaths, concerning all but 1 of which inquests were held. Of these 52 deaths, 6 were cases of suicide, and 1 of homicide, while the remaining 45 were attributed to accident or negligence. Four of these were referred to vehicles in the streets, 4 to burns and scalds, and 11 (including 10 of infants under one year of age), to suffocation in bed.

## Cases of Infectious Sickness in Hospitals.*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 3061 cases of scarlet fever, 1062 of diphtheria, and 106 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 244 cases, against 239, 215, and 248; of diphtheria, 163 cases, against 134, 113, and 125; and of enteric fever, 15 cases, against 20, 15, and 17.

## Greater London.

In Greater London 3678 births and 2291 deaths were registered, corresponding to annual rates of 29·9 and 18·6 per 1000 of the estimated population. In the Outer Ring 16 deaths from measles, 3 from scarlet fever, 15 from diphtheria, 24 from whooping-cough, 6 from "fever," and 4 from diarrhœa were registered. Six deaths from measles, 7 from diphtheria, and 6 from whooping-cough occurred in West Ham district.

## Meteorology.

The mean reading of the Barometer last week at Greenwich was 30·37 inches, and that of the Thermometer 42°·4, the latter being 3°·4 above the week's average in the 50 years 1841–90. The direction of the wind was south-westerly, the horizontal movement of the air being 37 per cent. below the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 2·2 hours; no rain was measured during the week.

* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found, after sojourn in the Hospital to have been erroneous.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Registered during the Week ending 29th January 1898. Births. | Deaths. | The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Annual Rate per 1000, corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6-12. | Temperature of the Air. Highest. Fahrenheit. | Lowest. Fahrenheit. | Mean. Fahrenheit. | Mean. Centigrade. | Rainfall. In Inches. | In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| **33 Towns** | **11,218,378** | **6785** | **4031** | **873** | **1081** | **–** | **148** | **45** | **82** | **149** | **34** | **30** | **138** | **271** | **862** | **46** | **18·7** | **2·3** | **54·2** | **29·0** | **43·3** | **6·28** | **0·03** | **0·08** | **33 Towns.** |
| London | 4,504,766 | 2639 | 1764 | 358 | 481 | – | 79 | 17 | 36 | 84 | 10 | 10 | 52 | 130 | 478 | 9 | 20·4 | 2·7 | 46·8 | 32·7 | 42·4 | 5·78 | 0·00 | 0·00 | London. |
| West Ham | 286,654 | 187 | 87 | 25 | 22 | – | 1 | – | 3 | 5 | 1 | 2 | 8 | 10 | 10 | 3 | 15·8 | 2·2 | – | – | – | – | – | – | West Ham. |
| Croydon | 124,421 | 56 | 27 | 5 | 6 | – | 1 | – | – | 1 | – | – | 1 | 2 | 3 | – | 11·3 | 0·8 | 47·0 | 30·5 | 41·8 | 5·44 | 0·00 | 0·00 | Croydon. |
| Brighton | 122,310 | 74 | 53 | 4 | 27 | – | 2 | 1 | 1 | 1 | – | 1 | 1 | 3 | 18 | 1 | 22·6 | 2·6 | 50·0 | 35·0 | 44·6 | 7·00 | 0·00 | 0·00 | Brighton. |
| Portsmouth | 186,618 | 104 | 69 | 12 | 26 | – | – | – | 1 | 4 | 1 | 1 | – | – | 14 | – | 19·3 | 2·0 | 51·0 | 39·0 | 43·9 | 6·61 | 0·00 | 0·00 | Portsmouth. |
| Plymouth | 99,136 | 61 | 36 | 5 | 13 | – | – | – | – | – | – | – | – | 1 | 2 | 1 | 18·9 | – | – | – | – | – | – | – | Plymouth. |
| Bristol | 316,900 | 152 | 104 | 22 | 22 | – | 12 | 2 | 2 | 2 | 1 | – | 4 | 8 | 17 | 2 | 17·1 | 3·1 | – | – | – | – | – | – | Bristol. |
| Cardiff | 177,770 | 102 | 47 | 11 | 10 | – | 2 | 1 | 6 | 1 | – | – | – | 2 | 9 | – | 13·8 | 2·9 | – | – | – | – | – | – | Cardiff. |
| Swansea | 102,001 | 61 | 31 | 4 | 4 | – | 2 | 1 | – | – | – | 1 | – | – | 2 | 1 | 15·8 | 2·0 | – | – | – | – | – | – | Swansea. |
| Wolverhampton | 88,051 | 68 | 50 | 9 | 19 | – | – | 1 | 6 | – | – | – | 1 | 3 | 10 | 1 | 29·6 | 4·1 | 51·8 | 32·2 | 41·4 | 5·22 | 0·00 | 0·00 | Wolverhampton. |
| Birmingham | 510,343 | 362 | 219 | 45 | 57 | – | 9 | 2 | 4 | 5 | 4 | 3 | 7 | 9 | 42 | 6 | 22·4 | 2·8 | – | – | – | – | – | – | Birmingham. |
| Norwich | 111,699 | 71 | 49 | 7 | 22 | – | – | – | – | 4 | 1 | 1 | 1 | 2 | 9 | – | 22·9 | 2·8 | 51·0 | 34·0 | 42·2 | 5·67 | 0·00 | 0·00 | Norwich. |
| Leicester | 208,662 | 119 | 61 | 14 | 17 | – | 3 | 1 | 2 | 1 | – | – | 1 | 1 | 6 | 1 | 15·2 | 1·7 | – | – | – | – | – | – | Leicester. |
| Nottingham | 236,137 | 143 | 78 | 21 | 31 | – | – | – | 2 | 1 | 1 | – | 3 | 4 | 9 | 2 | 17·2 | 0·9 | 52·6 | 29·0 | 41·8 | 5·44 | 0·00 | 0·00 | Nottingham. |
| Derby | 104,834 | 55 | 29 | 9 | 9 | – | 2 | – | – | 2 | – | – | – | 1 | 4 | – | 14·4 | 2·0 | – | – | – | – | – | – | Derby. |
| Birkenhead | 113,189 | 53 | 32 | 7 | 7 | – | 3 | 2 | 1 | – | – | – | 2 | 3 | 6 | – | 14·7 | 2.8 | – | – | – | – | – | – | Birkenhead. |
| Liverpool | 633,645 | 483 | 228 | 53 | 49 | – | – | 7 | 4 | 8 | 1 | 2 | 11 | 15 | 69 | 2 | 18·8 | 1·8 | 54·0 | 38·3 | 45·3 | 7·39 | 0·13 | 0·33 | Liverpool. |
| Bolton | 122,495 | 76 | 38 | 11 | 7 | – | – | – | 1 | 1 | – | – | 2 | 2 | 2 | – | 16·2 | 0·9 | – | – | – | – | – | – | Bolton. |
| Manchester | 539,079 | 352 | 186 | 41 | 45 | – | 3 | 1 | 1 | 3 | 2 | 3 | 5 | 6 | 44 | 3 | 18·0 | 1·3 | – | – | – | – | – | – | Manchester. |
| Salford | 215,702 | 132 | 85 | 20 | 20 | – | – | 3 | – | 2 | 1 | 2 | 5 | 8 | 20 | 1 | 20·5 | 1·9 | – | – | – | – | – | – | Salford. |
| Oldham | 148,288 | 78 | 37 | 10 | 11 | – | 3 | – | – | 1 | – | – | – | 2 | 4 | – | 13·0 | 1·4 | – | – | – | – | – | – | Oldham. |
| Burnley | 109,546 | 52 | 31 | 7 | 8 | – | – | – | 3 | – | 1 | – | 3 | 3 | – | – | 14·8 | 1·9 | – | – | – | – | – | – | Burnley. |
| Blackburn | 133,228 | 64 | 51 | 14 | 12 | – | 4 | – | 2 | – | – | – | 1 | 2 | 4 | 1 | 20·0 | 2·3 | – | – | – | – | – | – | Blackburn. |
| Preston | 116,356 | 84 | 28 | 11 | 5 | – | – | – | – | – | – | – | 2 | 3 | 1 | 2 | 12·5 | – | – | – | – | – | – | – | Preston. |
| Huddersfield | 102,454 | 36 | 24 | 6 | 7 | – | – | – | – | 1 | – | – | 1 | 2 | 1 | – | 12·2 | 0·5 | 49·5 | 34·2 | 43·6 | 6·44 | 0·21 | 0·53 | Huddersfield. |
| Halifax | 96,729 | 49 | 41 | 8 | 9 | – | 1 | – | – | – | 1 | – | – | 2 | 11 | – | 22·1 | 1·1 | – | – | – | – | – | – | Halifax. |
| Bradford | 233,737 | 105 | 76 | 20 | 20 | – | – | – | – | 3 | 2 | 1 | 2 | 4 | 11 | 1 | 17·0 | 1·3 | 54·2 | 39·9 | 46·7 | 8·17 | 0·00 | 0·00 | Bradford. |
| Leeds | 416,618 | 226 | 129 | 31 | 29 | – | 2 | 4 | 4 | 6 | 2 | – | 7 | 14 | 13 | 4 | 16·1 | 2·3 | – | – | – | – | – | – | Leeds. |
| Sheffield | 356,478 | 272 | 137 | 35 | 37 | – | 5 | 1 | 1 | 7 | 1 | 1 | 6 | 10 | 16 | 1 | 20·0 | 2·3 | – | – | – | – | – | – | Sheffield. |
| Hull | 229,887 | 149 | 62 | 12 | 21 | – | 5 | 1 | – | 2 | – | – | 3 | 6 | 8 | 4 | 14·1 | 1·8 | 51·0 | 30·0 | 42·3 | 5·72 | 0·03 | 0·08 | Hull. |
| Sunderland | 143,849 | 90 | 43 | 11 | 10 | – | 5 | – | – | 1 | 2 | 2 | 2 | 4 | 5 | – | 15·6 | 3·6 | – | – | – | – | – | – | Sunderland. |
| Gateshead | 103,775 | 84 | 25 | 5 | 4 | – | 2 | – | 1 | 2 | 1 | – | 1 | 1 | 2 | – | 12·6 | 3·0 | – | – | – | – | – | – | Gateshead. |
| Newcastle | 223,021 | 146 | 74 | 20 | 14 | – | 2 | – | 1 | 1 | 1 | – | 6 | 8 | 12 | – | 17·3 | 1·2 | – | – | – | – | – | – | Newcastle. |

* See note * on first page of this return.

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the FOURTH Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2715 | 2599 | 2510 | 2794 | 2643 | 2758 | 2689 | 2612 | 2452 | 2715 | 2787·2 | 2639 |
| Males - - | 1382 | 1285 | 1313 | 1441 | 1313 | 1444 | 1377 | 1294 | 1228 | 1419 | 1420·2 | 1322 |
| Females - | 1333 | 1314 | 1197 | 1353 | 1330 | 1314 | 1312 | 1318 | 1224 | 1296 | 1367·0 | 1317 |
| TOTAL **Deaths** - | 1816 | 1620 | 2227 | 1903 | 3355 | 1331 | 1655 | 1481 | 1582 | 1702 | 2017·5 | 1764 |
| Males - - | 878 | 848 | 1192 | 993 | 1587 | 939 | 855 | 728 | 808 | 843 | 1017·7 | 876 |
| Females - - | 938 | 772 | 1035 | 910 | 1768 | 892 | 800 | 753 | 774 | 859 | 999·8 | 888 |

* The numbers in this column are the average weekly numbers in the fourth week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | Nov. 6. | Nov. 13. | Nov. 20. | Nov. 27. | Dec. 4. | Dec. 11. | Dec. 18. | Dec. 25. | Jan. 1. | Jan. 8. | Jan. 15. | Jan. 22. | Jan. 29. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** - - - | 2748 | 2507 | 2780 | 2523 | 2459 | 2489 | 2623 | 2106 | 2363 | 3001 | 2703 | 2631 | 2639 |
| TOTAL **Deaths** - - - | 1585 | 1660 | 1617 | 1793 | 1725 | 1866 | 1796 | 1555 | 2360 | 1990 | 1982 | 2021 | 1764 |
| Ages at Death: Under 1 year - - | 395 | 433 | 430 | 417 | 399 | 411 | 362 | 339 | 443 | 345 | 373 | 404 | 358 |
| 1—5 years - - | 286 | 291 | 264 | 342 | 303 | 353 | 313 | 277 | 456 | 361 | 353 | 367 | 306 |
| 5—20 " - - | 104 | 90 | 101 | 107 | 89 | 84 | 108 | 82 | 111 | 90 | 85 | 76 | 72 |
| 20—40 " - - | 204 | 181 | 184 | 210 | 190 | 202 | 198 | 187 | 267 | 231 | 225 | 203 | 206 |
| 40—60 " - - | 287 | 280 | 302 | 324 | 315 | 343 | 316 | 262 | 436 | 389 | 385 | 366 | 341 |
| 60—80 " - - | 264 | 321 | 283 | 320 | 341 | 373 | 410 | 321 | 544 | 472 | 470 | 490 | 372 |
| 80 years and upwards | 45 | 64 | 53 | 73 | 88 | 100 | 89 | 87 | 103 | 102 | 91 | 115 | 109 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox - - - - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Measles - - - - - | 74 | 78 | 87 | 120 | 108 | 122 | 134 | 112 | 166 | 130 | 134 | 130 | 79 |
| Scarlet Fever - - - | 20 | 20 | 27 | 26 | 21 | 18 | 19 | 9 | 11 | 19 | 15 | 17 | 17 |
| Diphtheria - - - - | 59 | 46 | 36 | 63 | 52 | 58 | 63 | 56 | 53 | 50 | 44 | 33 | 36 |
| Whooping-cough - - - | 19 | 25 | 29 | 35 | 38 | 46 | 45 | 57 | 76 | 65 | 76 | 69 | 84 |
| Typhus - - - - - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Enteric Fever - - - | 24 | 20 | 15 | 21 | 16 | 14 | 23 | 5 | 14 | 10 | 9 | 8 | 9 |
| Simple Continued Fever - | - | - | - | - | - | - | - | - | - | - | - | - | 1 |
| Diarrhœa and Dysentery .. | 20 | 21 | 8 | 13 | 15 | 12 | 11 | 6 | 13 | 10 | 10 | 7 | 10 |
| Cholera - - - - - - | - | - | - | 1 | - | - | - | - | - | - | - | - | - |
| All the above Diseases - | 216 | 210 | 202 | 279 | 250 | 270 | 295 | 245 | 333 | 284 | 288 | 264 | 236 |
| Dis. of Respiratory System - | 363 | 419 | 414 | 471 | 418 | 468 | 458 | 353 | 700 | 533 | 516 | 567 | 471 |
| Phthisis - - - - - | 174 | 149 | 155 | 164 | 147 | 168 | 157 | 160 | 201 | 180 | 212 | 170 | 159 |
| Dis. of Circulatory System - | 110 | 138 | 131 | 152 | 164 | 151 | 151 | 131 | 167 | 186 | 161 | 153 | 135 |
| Violence - - - - - | 76 | 43 | 74 | 74 | 58 | 64 | 60 | 79 | 117 | 79 | 77 | 87 | 52 |
| Inquest Cases - - - - | 155 | 123 | 179 | 169 | 144 | 153 | 146 | 158 | 251 | 205 | 173 | 167 | 130 |
| Deaths in Public Institutions - | 474 | 468 | 435 | 499 | 461 | 532 | 513 | 413 | 603 | 533 | 533 | 523 | 478 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean - - - - - - | 45°·7 | 48°·0 | 47°·5 | 43°·4 | 39°·0 | 41°·7 | 46°·2 | 35°·8 | 45°·1 | 43°·4 | 41°·8 | 45°·1 | 42°·4 |
| Mean of Highest readings - | 50·7 | 52·0 | 53·4 | 48·0 | 44·0 | 47·5 | 50·8 | 40·3 | 48·7 | 48·9 | 44·6 | 48·1 | 45·2 |
| Mean of Lowest readings - | 41·8 | 42·7 | 41·5 | 38·2 | 32·7 | 36·4 | 40·1 | 30·0 | 40·7 | 37·1 | 37·6 | 40·9 | 39·8 |
| Humidity of the Air - - | 86 | 92 | 84 | 91 | 79 | 82 | 87 | 88 | 87 | 89 | 85 | 91 | 80 |
| Rain-fall (in inches) - - | 0·00 | 0·18 | 0·34 | 0·38 | 0·15 | 0·86 | 0·63 | 0·02 | 0·66 | 0·49 | 0·00 | 0·12 | 0·00 |
| Registered Sunshine (in hours) | 19·1 | 3·7 | 11·1 | 7·9 | 14·3 | 9·1 | 13·5 | 12·9 | 5·0 | 11·1 | 3·5 | 3·4 | 2·2 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox - - - - - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Scarlet Fever - - - - | 3680 | 3777 | 3792 | 3818 | 3812 | 3806 | 3733 | 3619 | 3572 | 3450 | 3253 | 3149 | 3061 |
| Diphtheria - - - - | 1056 | 1066 | 1064 | 1052 | 1055 | 1110 | 1109 | 1086 | 1070 | 1062 | 1023 | 1045 | 1062 |
| Enteric Fever - - - - | 166 | 160 | 163 | 155 | 155 | 151 | 138 | 129 | 116 | 111 | 110 | 109 | 106 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; Arthur Brown. Esq., M.Inst. C.E., and P. Boobbyer, Esq.. M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FOURTH Week of the Year 1898.

| CAUSES OF DEATH. | Corrected Averages for the 4th Week of the 10 years 1888-97*. | In the Week ending Saturday, 29th January 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| CAUSES - - - | 2017·5 | 1764 | 358 | 306 | 72 | 206 | 341 | 372 | 109 |
| mall-pox { Vaccinated† - | – | – | – | – | – | – | – | – | – |
| Unvaccinated | – | – | – | – | – | – | – | – | – |
| No Statement | – | – | – | – | – | – | – | – | – |
| asles - - - - | 40·9 | 79 | 20 | 56 | 3 | – | – | – | – |
| arlet Fever - - - | 17·8 | 17 | 1 | 9 | 7 | – | – | – | – |
| hus - - - - | 0·1 | – | – | – | – | – | – | – | – |
| apsing Fever - - | – | – | – | – | – | – | – | – | – |
| uenza - - - - | 66·2 | 88 | 3 | 4 | 3 | 10 | 25 | 35 | 8 |
| ooping-cough - - | 76·9 | 84 | 28 | 52 | 4 | – | – | – | – |
| htheria - - | 39·0 | 36 | 2 | 23 | 9 | 1 | 1 | – | – |
| ple Continued and l-defined Fever - | 0·6 | 1 | 1 | – | – | – | – | – | – |
| eric Fever - - - | 10·8 | 9 | – | 1 | 2 | 4 | 2 | – | – |
| olera and Chol. Diarr. | 0·1 | – | – | – | – | – | – | – | – |
| rrhœa, Dysentery - | 14·9 | 10 | 6 | 2 | – | 1 | – | – | 1 |
| nittent Fever - - | 0·2 | – | – | – | – | – | – | – | – |
| drophobia - - - | – | – | – | – | – | – | – | – | – |
| nders - - - - | – | – | – | – | – | – | – | – | – |
| ypox and Effects of accination - - | 0·1 | – | – | – | – | – | – | – | – |
| aereal Affections - - | 10·3 | 7 | 2 | – | – | – | 5 | – | – |
| sipelas - - - | 4·4 | 4 | 2 | – | – | – | – | 2 | – |
| emia and Septicæmia | 2·4 | 3 | – | – | – | 1 | 2 | – | – |
| erperal Fever - - | 6·5 | 3 | – | – | – | 3 | – | – | – |
| her Zymotic Diseases | 1·7 | 1 | 1 | – | – | – | – | – | – |
| rush - - - - | 0·5 | – | – | – | – | – | – | – | – |
| rms and other Parasitical Diseases - | – | – | – | – | – | – | – | – | – |
| rvation, Want of reast-milk - - | 1·5 | – | – | – | – | – | – | – | – |
| oholism - - - | 8·4 | 10 | – | – | – | 5 | 5 | – | – |
| eumatic Fever, heumatism of Heart | 8·8 | 9 | – | 1 | 4 | 2 | 2 | – | – |
| eumatism - - - | 2·6 | 1 | – | – | – | – | 1 | – | – |
| ut - - - - - | 4·0 | 5 | – | – | – | – | 1 | 4 | – |
| ckets - - - - | 4·5 | 10 | 3 | 7 | – | – | – | – | – |
| ncer - - - - | 63·9 | 58 | 1 | – | – | 5 | 28 | 24 | – |
| bes Mesenterica - - | 17·3 | 21 | 14 | 4 | 1 | 1 | 1 | – | – |
| bercular Meningitis - | 23·4 | 14 | 5 | 6 | 3 | – | – | – | – |
| thisis - - - - | 176·0 | 159 | – | 6 | 7 | 73 | 61 | 12 | – |
| rofula, Tuberculosis - | 20·4 | 13 | 4 | 4 | 2 | 3 | – | – | – |
| her Constitutional Diseases - - | 14·5 | 12 | – | – | – | 3 | 6 | 3 | – |
| emature Birth - - | 49·9 | 46 | 46 | – | – | – | – | – | – |
| electasis - - - | 3·9 | 3 | 3 | – | – | – | – | – | – |
| ngenital Malformations - - - | 5·5 | 10 | 8 | 2 | – | – | – | – | – |
| d Age - - - - | 65·1 | 45 | – | – | – | – | – | 18 | 27 |
| oplexy - - - | 48·1 | 35 | – | – | – | 1 | 9 | 20 | 5 |
| pilepsy - - - - | 9·3 | 8 | – | – | – | 5 | 3 | – | – |
| nvulsions - - - | 44·4 | 34 | 29 | 5 | – | – | – | – | – |
| her Diseases of Brain and Nervous System | 100·9 | 85 | 7 | 10 | 4 | 10 | 21 | 25 | 8 |
| seases of Organs of Special Sense - | 2·3 | 4 | 2 | – | 1 | 1 | – | – | – |

| CAUSES OF DEATH. | Corrected Averages for the 4th Week of the 10 years 1888-97*. | In the Week ending Saturday, 29th January 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 171·2 | 135 | 1 | 1 | 2 | 26 | 38 | 55 | 12 |
| Croup - - - - | 7·6 | 1 | – | – | 1 | – | – | – | – |
| Bronchitis - - - | 368·1 | 284 | 45 | 34 | 3 | 7 | 53 | 116 | 32 |
| Pneumonia - - - | 155·4 | 162 | 35 | 56 | 8 | 7 | 23 | 27 | 6 |
| Pleurisy - - - - | 6·7 | 8 | – | – | – | 3 | 3 | 2 | – |
| Other Diseases of Respiratory System - | 48·7 | 16 | 3 | 3 | – | 1 | 6 | 2 | 1 |
| Dentition - - - - | 12·9 | 8 | 5 | 3 | – | – | – | – | – |
| Quinsy, Sore Throat - | 1·5 | 3 | 2 | 1 | – | – | – | – | – |
| Enteritis - - - - | 12·2 | 5 | 3 | 1 | – | – | 1 | – | – |
| Peritonitis - - - | 6·1 | 4 | – | 1 | – | 2 | 1 | – | – |
| Diseases of Liver - - | 24·7 | 17 | 4 | 1 | – | – | 10 | 2 | – |
| Other Diseases of Digestive System | 33·1 | 36 | 14 | 4 | 3 | 3 | 7 | 4 | 1 |
| Diseases of Lymphatic System & of Ductless Glands - - - | 1·8 | 4 | – | – | – | 4 | – | – | – |
| Diseases of Urinary System - - - | 48·9 | 33 | 1 | 1 | 1 | 7 | 11 | 11 | 1 |
| Diseases of Generative System - - - | 7·1 | 8 | 1 | – | – | 2 | 3 | 2 | – |
| Accidents of Childbirth - | 4·8 | 3 | – | – | – | 3 | – | – | – |
| Diseases of Locomotive System - - - | 8·0 | 6 | – | 2 | – | 1 | 1 | 1 | 1 |
| Diseases of Integumentary System - - | 6·7 | 5 | 2 | – | – | – | – | – | 3 |
| VIOLENT DEATHS‡ (ACCIDENT.) | | | | | | | | | |
| By Railways - - - | 57·1 | 2 | – | – | 1 | – | 1 | – | – |
| By Vehicles or Horses - | | 4 | – | – | 1 | 1 | – | 1 | 1 |
| In Ships, Boats, Docks, (exclusive of Drowning) - - - | | 2 | – | – | – | 1 | 1 | – | – |
| In Building Operations - | | 1 | – | – | – | – | 1 | – | – |
| In Conflagrations - - | | – | – | – | – | – | – | – | – |
| By Burns, Scalds, Explosions - - | | 4 | – | 2 | 2 | – | – | – | – |
| By Drowning - - - | | 5 | – | – | – | 2 | 2 | 1 | – |
| By Suffocation in Bed - | | 11 | 10 | – | – | – | 1 | – | – |
| By Poisons or Poisonous Vapours - - | | 1 | – | – | – | 1 | – | – | – |
| Other or not stated causes - - - - | | 15 | – | 2 | – | 2 | 3 | 6 | 2 |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - | 1·7 | 1 | 1 | – | – | – | – | – | – |
| Suicide - - - - | 6·1 | 6 | – | – | – | 2 | 1 | 3 | – |
| Execution - - - | – | – | – | – | – | – | – | – | – |
| OTHER CAUSES - - | 59·0 | 50 | 43 | 2 | – | 2 | 1 | 2 | – |

* The numbers in this column are the average weekly deaths for the ten years 1888–97, raised by 5·230 per cent. for increase of population.

† Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

‡ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter or suicide. All such cases are classed under "accident."

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 29th January, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2639 | 1764 | 358 | 481 | - | 79 | 17 | 36 | 84 | - | 9 | 1 | 10 | 52 | 130 | 478 | 9 |
| WEST DISTRICTS - - - | 778,251 | 388 | 291 | 56 | 90 | - | 10 | 4 | 13 | 8 | - | 3 | - | 3 | 7 | 20 | 96 | 1 |
| NORTH DISTRICTS - - - | 1,040,694 | 571 | 385 | 67 | 112 | - | 20 | 1 | 4 | 15 | - | 3 | - | 1 | 15 | 36 | 84 | 1 |
| CENTRAL DISTRICTS - - - | 233,635 | 144 | 106 | 22 | 19 | - | 4 | - | 2 | 5 | - | - | - | - | 6 | 10 | 36 | - |
| EAST DISTRICTS - - - | 716,334 | 537 | 350 | 80 | 77 | - | 14 | 3 | 3 | 35 | - | - | - | - | 12 | 39 | 86 | - |
| SOUTH DISTRICTS - - - | 1,642,796 | 999 | 605 | 133 | 176 | - | 31 | 5 | 14 | 21 | - | 3 | 1 | 6 | 12 | 25 | 149 | 7 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | -- | - | 27 | - | 7 | - | - | 4 | - | - | - | - | - | - | - | - | 27 | - |
| WEST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 48 | 31 | 5 | 11 | - | 1 | - | 1 | 2 | - | - | - | 1 | - | - | 2 | - |
| St. John Paddington *H* - - G. | 33,510 | 8 | 11 | - | 5 | - | - | - | - | - | - | 1 | - | - | - | - | 4 | - |
| Kensington Town *Ww* - - W. | 122,164 | 63 | 46 | 11 | 15 | - | 2 | - | 2 | - | - | - | - | - | 1 | 3 | 6 | - |
| Brompton *H* - - - W. & C. | 48,301 | 11 | 15 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | 7 | - |
| St. Peter Hammersmith - - W. | 9,097 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Paul Hammersmith *HH* W & G. | 35,102 | 52 | 20 | 7 | 6 | - | - | - | - | - | - | - | - | 1 | 2 | 4 | 2 | - |
| Fulham *Ww* - - - W. & C. | 113,781 | 70 | 51 | 11 | 17 | - | 3 | 4 | 7 | 1 | - | - | - | 1 | - | 3 | 26 | - |
| Chelsea Kensal Town - - C. | 21,450 | 14 | 9 | 4 | 2 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| Chelsea North *WHHHHH* - C. | 42,057 | 26 | 27 | 4 | 8 | - | 2 | - | 2 | 1 | - | - | - | - | - | 2 | 12 | - |
| Chelsea South *HH* - - C. | 33,139 | 21 | 10 | 4 | 4 | - | - | - | - | - | - | - | - | - | - | - | 3 | - |
| May Fair *W* - - - - G. | 23,827 | 2 | 14 | 1 | 4 | - | - | - | - | - | - | 1 | - | - | 1 | 1 | 10 | 1 |
| Belgrave *WHHH* - - - C. | 56,140 | 26 | 24 | 4 | 4 | - | 1 | - | - | 1 | - | 1 | - | - | 1 | 2 | 10 | - |
| St. John Westminster *HH* - C. | 31,492 | 19 | 7 | 1 | 3 | - | 1 | - | - | - | - | - | - | - | 1 | 2 | - | - |
| St. Margaret Westminster *H* - C. | 22,097 | 6 | 12 | 2 | 3 | - | - | - | 1 | 3 | - | - | - | - | 1 | 2 | 7 | - |
| St. James Westminster *WHH* N. & G. | 23,050 | 10 | 11 | 1 | 6 | - | - | - | - | - | - | - | - | - | - | - | 5 | - |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 9 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - |
| NORTH DISTRICTS. | | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - - W. | 36,595 | 11 | 12 | 2 | 3 | - | - | - | - | - | - | - | - | - | - | - | 6 | - |
| Rectory Marylebone *W* G. & W. | 19,798 | 12 | 3 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 22 | 4 | - | 2 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| Christchurch Marylebone *l* - W. | 32,547 | 14 | 9 | - | 5 | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - |
| St. John Marylebone *HHH* W. | 32,611 | 18 | 7 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | 2 | - | - |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 25 | 23 | 4 | 11 | - | 2 | 1 | 1 | 2 | - | - | - | - | - | - | 4 | - |
| Regent's Park Pancras *HH* - W. | 37,341 | 18 | 13 | 3 | 6 | - | - | - | - | - | - | - | - | - | - | 2 | 2 | - |
| Tottenham-court *wHHH* - N. & W. | 26,757 | 6 | 15 | 2 | 6 | - | - | - | - | - | - | - | - | - | 2 | 2 | 4 | - |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 20 | 12 | 6 | 2 | - | - | - | - | - | - | - | - | - | 2 | 2 | 6 | - |
| Somers Town *HH* - - - N. | 32,161 | 20 | 13 | 2 | 5 | - | - | - | - | 1 | - | - | - | - | - | - | - | - |
| Camden Town *WH* - - N. | 16,669 | 16 | 13 | 2 | 7 | - | 2 | - | - | - | - | - | - | - | - | - | 10 | - |
| Kentish Town *WW* - - N. | 98,410 | 69 | 33 | 5 | 6 | - | 1 | - | - | - | - | 2 | - | - | 1 | 4 | 2 | - |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 44 | 44 | 8 | 6 | - | 2 | - | - | 1 | - | - | - | - | - | 4 | 22 | - |
| Islington South-west *H* - N. | 107,365 | 64 | 40 | 7 | 11 | - | 7 | - | - | 2 | - | - | - | 1 | 3 | 4 | 1 | 1 |
| Islington South-east - - N. | 66,549 | 38 | 18 | 1 | 4 | - | - | - | - | - | - | - | - | - | - | 2 | - | - |
| Highbury *HH* - - - N. | 64,577 | 37 | 21 | 3 | 5 | - | 2 | - | - | 1 | - | - | - | - | - | 2 | - | - |
| Stoke Newington *H* - - N. | 33,485 | 23 | 12 | 3 | 5 | - | - | - | 1 | - | - | - | - | - | 2 | 2 | - | - |
| North Hackney - - E. & N. | 213,044 | 17 | 9 | 2 | 3 | - | - | - | - | 1 | - | - | - | - | - | - | - | - |
| Central Hackney *ww* - E. & N. | | 30 | 21 | 3 | 4 | - | - | - | 2 | 3 | - | 1 | - | - | - | 2 | 3 | - |
| South-west Hackney *HHH* E. & N. | | 31 | 26 | 5 | 8 | - | - | - | - | 1 | - | - | - | - | 2 | 3 | 5 | - |
| South-east Hackney *WwH* E. & N. | | 36 | 37 | 5 | 10 | - | 4 | - | - | 3 | - | - | - | - | 2 | 3 | 18 | - |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers are received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. The Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River; E. East London; and K. the Kent Company.

* See note † on first page of this Return.

BLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 29th January, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **CENTRAL DISTRICTS.** | | | | | | | | | | | | | | | | | | |
| George Bloomsbury - - N. | 16,110 | 4 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Giles South *WH* - - N. | 12,976 | 13 | 8 | 2 | 1 | – | – | – | 1 | – | – | – | – | – | 1 | 1 | 3 | – |
| Giles North *H* - - - N. | 9,151 | 3 | 5 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | 2 | 1 | – |
| Martin-in-the-Fields *HH* N. & C. | 13,077 | 5 | 9 | 1 | 2 | – | – | – | – | – | – | – | – | – | 1 | 2 | 6 | – |
| rand *WHH* - - - - N. | 11,839 | 8 | 8 | – | 4 | – | – | – | – | – | – | – | – | – | – | – | 4 | – |
| *rand Union Workhouse, Edmonton* | †*1,037* | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| olborn *wHHHHHHH* - N. | 31,042 | 18 | 16 | 6 | 2 | – | 2 | – | 1 | – | – | – | – | – | – | – | 8 | – |
| James Clerkenwell - - N. | 15,777 | 14 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| awell Clerkenwell - - N. | 34,356 | 18 | 8 | 2 | 1 | – | – | – | – | 1 | – | – | – | – | 1 | 1 | – | – |
| swell-street - - - - N. | 16,069 | 13 | 8 | 1 | 3 | – | – | – | – | 2 | – | – | – | – | – | – | – | – |
| y-road *HHHL* - - - N. | 29,897 | 31 | 14 | 3 | 2 | – | – | – | – | 2 | – | – | – | – | 1 | 1 | 2 | – |
| nitecross-street - - - N. | 7,595 | 5 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| nsbury - - - - - - N. | 4,035 | 3 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| *lborn Union Workhouse, Mitcham* - - - - | †*892* | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Botolph *H* - - N. & E. | 6,870 | 4 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| ipr legate - - - - N. | 3,299 | – | 4 | – | 1 | – | 2 | – | – | – | – | – | – | – | – | – | – | – |
| Sepulchre *WH* - - - N. | 9,591 | 1 | 13 | – | 2 | – | – | – | – | – | – | – | – | – | 2 | 2 | 10 | – |
| hallows Barking - - - N. | 9,059 | 3 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| oad Street *H* - - - N. | 2,892 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| *y of London Asylum, Stone* - - | †*388* | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | 2 | – |
| **EAST DISTRICTS.** | | | | | | | | | | | | | | | | | | |
| oreditch South *Hl* - E. & N. | 17,975 | 10 | 10 | – | 2 | – | – | – | – | 1 | – | – | – | – | – | 1 | 1 | – |
| xton New Town *w* - - N. | 29,575 | 18 | 18 | – | 8 | – | – | – | 1 | 1 | – | – | – | – | 1 | 1 | 6 | – |
| xton Old Town - - - N. | 27,645 | 23 | 9 | 4 | 3 | – | 1 | – | – | 2 | – | – | – | – | – | – | – | – |
| ggerston *WH* - - N. & E. | 47,163 | 31 | 33 | 9 | 5 | – | 1 | 1 | – | 6 | – | – | – | – | 1 | 2 | 12 | – |
| hnal Green North *H* - E. | 49,301 | 40 | 33 | 10 | 9 | – | – | – | – | 4 | – | – | – | – | 2 | 5 | – | – |
| hnal Green South - - E. | 34,194 | 17 | 13 | 5 | – | – | 1 | 1 | – | 4 | – | – | – | – | – | 2 | – | – |
| hnal Green East *WHl* - E. | 45,667 | 33 | 16 | 5 | 2 | – | – | – | – | – | – | – | – | – | – | 2 | 5 | – |
| talfields - - - E. & N. | 26,681 | 21 | 7 | 3 | 1 | – | – | – | – | – | – | – | – | – | 1 | 2 | – | – |
| e End New Town *W* - E. | 12,816 | 16 | 10 | 1 | 3 | – | – | – | – | – | – | – | – | – | – | – | 7 | – |
| itechapel Church *H* - E. & N. | 25,561 | 14 | 23 | 2 | 5 | – | – | – | – | – | – | – | – | – | 2 | 4 | 18 | – |
| odman's Fields - - - E. | 13,618 | 8 | 6 | 1 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| George's North - - - E. | 39,576 | 46 | 14 | 4 | – | – | – | – | – | 2 | – | – | – | – | – | 1 | – | – |
| John, St. George East *W* E. | 7,930 | 14 | 11 | 1 | 6 | – | – | – | – | 1 | – | – | – | – | – | 1 | 10 | – |
| adwell *H* - - - E. & N. | 10,434 | 8 | 8 | 3 | 1 | – | – | – | – | 2 | – | – | – | – | – | 1 | 6 | – |
| cliff *W* - - - - E. | 14,954 | 7 | 7 | 2 | 2 | – | – | – | – | – | – | – | – | – | 1 | 2 | – | – |
| nehouse - - - - E. | 32,917 | 28 | 9 | 2 | – | – | 1 | – | – | – | – | – | – | – | 1 | 3 | – | – |
| e End Old Town West *H* E. | 111,060 | 47 | 14 | 2 | 4 | – | – | – | – | 1 | – | – | – | – | – | 1 | – | – |
| e End Old Town East *WWw* - E. | | 38 | 28 | 6 | 7 | – | 6 | – | – | 1 | – | – | – | – | – | 3 | 8 | – |
| w *l* - - - - E. | 41,687 | 23 | 15 | 4 | 1 | – | 2 | – | – | 4 | – | – | – | – | 1 | 1 | – | – |
| mley *wwwH* - - - E. | 69,821 | 55 | 42 | 8 | 10 | – | 2 | – | 1 | 4 | – | – | – | – | 2 | 6 | 10 | – |
| olar *WW* - - - - E. | 57,759 | 40 | 24 | 8 | 5 | – | – | 1 | 1 | 2 | – | – | – | – | – | 1 | 3 | – |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 29th January, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Continued Fever. | Simple Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WHL*.&S. | 13,064 | 3 | 4 | 2 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - |
| St. Saviour Southwark - - S. | 12,301 | 12 | 6 | 2 | - | - | - | - | - | 1 | - | - | - | - | - | - | 1 | - | 1 |
| Kent-road - - - - S. & L. | 22,879 | 15 | 9 | 5 | 1 | - | 1 | - | - | - | - | - | - | - | - | 1 | 1 | - | - |
| Borough-road *WH* - S. & L. | 16,083 | 10 | 7 | 2 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| London-road *HL* - - L. & S. | 21,316 | 14 | 9 | 2 | - | - | 1 | - | - | - | - | - | - | - | 1 | - | - | - | - |
| Trinity Newington - - S. & L. | 28,723 | 22 | 11 | 3 | 2 | - | 1 | 1 | - | - | - | - | - | - | 1 | 1 | 1 | - | - |
| St. Peter Walworth *W* - S. & L. | 62,045 | 35 | 25 | 8 | 4 | - | 3 | - | - | - | - | - | - | - | - | - | 1 | - | 1 |
| St. Mary Newington- - L. & S. | 30,171 | 23 | 6 | 1 | 4 | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| St. Olave *WH*- - - - S. | 11,731 | 11 | 17 | 3 | 4 | - | - | - | - | - | - | - | - | - | - | 1 | 1 | 13 | - |
| Leather Market *W* - S & L. | 32,339 | 19 | 15 | 1 | 4 | - | - | - | - | 1 | - | - | - | - | - | - | 1 | 1 | - |
| St. James Bermondsey - - S. | 53,136 | 30 | 7 | - | 2 | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - |
| Rotherhithe *WwH* - S. & K. | 40,379 | 33 | 15 | 6 | 2 | - | - | - | - | 1 | - | - | - | 1 | - | - | - | 2 | - |
| Waterloo-road *HH* - L. & S. | 28,396 | 27 | 10 | 2 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 8 | 15 | 2 | 1 | - | - | - | 1 | - | - | - | - | - | 3 | 3 | 3 | 13 | - |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 35 | 36 | 2 | 16 | - | - | - | - | - | - | - | - | - | - | - | - | 25 | 1 |
| Kennington 1st *H* - - S. & L. | 52,486 | 34 | 25 | 9 | 8 | - | 4 | - | 1 | 3 | - | - | - | - | - | - | - | - | - |
| Kennington 2nd - - S. & L. | 43,244 | 19 | 8 | 2 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Brixton *w* - - - L. & S. | 81,825 | 44 | 22 | 4 | 8 | - | 1 | - | 2 | - | - | - | - | - | - | - | - | 2 | - |
| Norwood *WH*- - - - L. | 29,318 | 16 | 12 | - | 6 | - | - | - | - | 1 | - | - | - | - | - | - | - | 1 | - |
| East Battersea - - - - S. | 71,730 | 46 | 22 | 9 | 3 | - | 1 | - | 1 | 1 | - | - | - | - | - | - | 2 | - | - |
| West Battersea *WwH* - - S | 93,385 | 59 | 33 | 6 | 9 | - | 3 | - | 1 | 1 | - | 1 | 1 | 1 | 1 | 1 | 2 | 12 | - |
| Clapham *H* - - - - S. | 46,953 | 25 | 17 | 5 | 6 | - | - | - | - | - | - | - | - | - | - | - | 2 | - | - |
| Wandsworth *WHHL* - - S. | 58,101 | 31 | 18 | 6 | 2 | - | 5 | - | - | 1 | - | - | - | - | - | - | 1 | 1 | - |
| Putney - - - - - S. | 20,566 | 18 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| Streatham *Wwww*- - - L. | 61,644 | 30 | 26 | 4 | 14 | - | 1 | 1 | 1 | 1 | - | - | - | - | - | - | - | 11 | - |
| Dulwich - - - - L. & S. | 7,519 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Camberwell *Wwll* - S. & L. | 90,286 | 50 | 53 | 9 | 21 | - | 2 | - | 1 | - | - | - | - | 1 | 1 | 1 | 1 | 30 | - |
| Peckham *WW* - S., L., & K. | 88,242 | 54 | 29 | 7 | 6 | - | 1 | - | 1 | 2 | - | 1 | - | - | - | - | - | - | 1 |
| St. George Camberwell - L. & S. | 67,029 | 36 | 16 | 6 | 3 | - | 1 | - | 1 | - | - | - | - | - | 1 | 2 | - | - | - |
| Deptford North - - - K. | 36,152 | 31 | 9 | 3 | 3 | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - |
| Deptford Central *w* - - K. | 45,441 | 42 | 12 | 3 | 4 | - | 1 | 2 | 1 | 1 | - | - | - | - | - | - | - | 5 | - |
| Deptford South - - - K. | 33,402 | 10 | 12 | 2 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| Greenwich West *H* - - K. | 23,012 | 15 | 9 | 2 | 2 | - | - | - | - | 1 | - | 1 | - | - | - | - | - | 1 | - |
| Greenwich East *WH* - - K. | 37 767 | 17 | 22 | 1 | 8 | - | 1 | - | - | - | - | - | - | - | 1 | 2 | 15 | 1 | |
| Eltham *wH* - - - - K. | 5,911 | - | 3 | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - |
| Lee *H* - - - - - K. | 24,222 | 8 | 5 | 2 | 1 | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - |
| Lewisham *WwH* - - - K. | 38,139 | 21 | 11 | 2 | 3 | - | - | - | 3 | - | - | - | - | - | - | - | - | 6 | 1 |
| Sydenham *H* - - - - L. | 37,601 | 10 | 8 | 2 | 3 | - | - | - | - | 2 | - | - | - | - | - | - | - | 1 | - |
| Charlton *wHH* - - K. | 15,928 | 5 | 6 | 3 | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - | 1 | 1 |
| Woolwich Dockyard - - K. | 19,355 | 12 | 5 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 15 | 9 | 2 | 2 | - | 2 | - | - | - | - | - | - | - | - | 1 | 1 | 1 | - |
| Plumstead West *H* - - K. | 16,714 | 16 | 4 | 1 | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - |
| Plumstead East *WH* - - K. | 42,538 | 35 | 12 | 1 | 6 | - | - | - | - | - | - | - | - | - | 1 | 1 | 5 | - | |
| Banstead Asylum - - - - | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Caterham Asylum - - - - | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Cane Hill Asylum - - - - | — | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Hospital Ships and Camp, Dartford | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Darenth Asylum - - - - | — | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Hanwell Asylum - - - - | — | - | 4 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 4 | - |
| Colney Hatch Asylum - - - | — | - | 7 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 7 | - |
| N.E. Hospital - - - - - | — | - | 2 | - | - | - | - | 2 | - | - | - | - | - | - | - | - | - | 2 | - |
| Winchmore Hill Hospital - - | — | - | 2 | - | - | - | - | 2 | - | - | - | - | - | - | - | - | - | 2 | - |
| Leavesden Asylum - - - - | — | - | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - |
| Claybury Asylum - - - - | — | - | 8 | - | 4 | - | - | - | - | - | - | - | - | - | - | - | - | 8 | - |

6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 29th January, 1898.

| | REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years & upwds. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LONDON—OUTER RING - | 368,749 | 1,422,063 | 1,039 | 527 | 130 | 153 | – | 16 | 3 | 15 | 24 | 6 | 4 | 19 | 34 | 57 | 9 |
| 1 | Carshalton *wHH* - - | 12,228 | 26,108 | 13 | 9 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Epsom, *part of** *WwHH* - | 10,423 | 12,508 | 14 | 7 | 1 | 2 | – | – | – | – | – | 1 | – | 1 | 1 | 4 | – |
| 1 | Godstone, *part of** *W* - | 2,754 | 1,598 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Croydon *WwHHH* - - | 20,851 | 128,699 | 67 | 36 | 6 | 10 | – | 2 | – | – | 2 | – | – | 1 | 2 | 3 | – |
| 2 | Mitcham *w* - - - | 11,697 | 23,088 | 19 | 9 | 4 | 2 | – | 1 | – | – | – | – | – | 1 | 1 | – | 1 |
| 1 | Wimbledon *HHH* - - | 3,220 | 25,761 | 18 | 6 | 1 | 4 | – | – | 1 | – | – | – | – | 1 | 1 | 1 | – |
| 2 | Kingston *W* - - - | 8,071 | 33,566 | 26 | 14 | 1 | 3 | – | – | – | – | 1 | – | – | 1 | 2 | 4 | – |
| 3 | Surbiton *H-* - - - | | 11,199 | 5 | 4 | 1 | 1 | – | – | – | – | – | – | – | – | 1 | – | – |
| 4 | Esher, *part of** *HH* - - | 6,601 | 12,059 | 8 | 3 | – | 1 | – | – | – | – | 1 | – | – | – | – | – | – |
| 5 | Hampton *HL* - - - | 4,565 | 18,252 | 10 | 10 | 1 | 5 | – | – | – | 1 | – | – | – | – | – | – | – |
| 1 | Richmond *WH* - - - | 2,160 | 25,389 | 8 | 9 | 1 | 3 | – | – | – | 1 | – | – | – | – | – | 4 | – |
| 2 | Mortlake *H* - - - | 2,823 | 16,159 | 7 | 7 | 3 | 2 | – | – | – | – | – | – | – | – | 1 | – | – |
| 1 | Bromley *HHH* - - - | 9,127 | 23,815 | 17 | 6 | 4 | 1 | – | – | – | – | 1 | – | – | – | 1 | – | 2 |
| 2 | Beckenham *H* - - - | 6,542 | 21,969 | 10 | 4 | – | 2 | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 9 | 4 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Bexley *HHH* - - - | 12,540 | 30,590 | 15 | 13 | 2 | 5 | – | – | – | 2 | – | – | – | 1 | 1 | – | 1 |
| 2 | Dartford *WH*, part of* - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Sunbury *w* - - - | 11,054 | 13,671 | 10 | 6 | 1 | 5 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Staines *WH* - - - | 13,277 | 13,221 | 8 | 3 | 1 | – | – | – | – | – | 1 | – | – | – | – | – | – |
| 1 | Hillingdon *WHH* - - | 6,035 | 12,237 | 4 | 3 | – | 2 | – | – | – | 1 | – | – | – | – | – | 2 | – |
| 2 | Uxbridge - - - - | 12,757 | 7,253 | 2 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Hayes *wH* - - - - | 7,952 | 11,051 | 3 | 7 | 3 | 1 | – | – | – | – | 2 | – | – | – | – | – | – |
| 1 | Isleworth *WHH* - - | 6,967 | 26,004 | 23 | 15 | 2 | 4 | – | – | – | – | 1 | – | – | – | – | 6 | – |
| 2 | Twickenham *HH* - - | 2,415 | 16,027 | 9 | 13 | 5 | 2 | – | 3 | – | – | 1 | – | – | – | – | – | 1 |
| 3 | Brentford *HHHH* - - | 4,318 | 37,777 | 23 | 18 | 6 | 4 | – | – | – | 1 | 3 | – | – | 1 | 1 | 1 | – |
| 4 | Chiswick - - - - | 1,245 | 21,963 | 14 | 8 | 1 | 2 | – | – | – | – | 1 | – | – | – | – | – | 1 |
| 5 | Acton *wH* - - - - | 6,132 | 30,945 | 24 | 17 | 5 | 2 | – | – | – | 1 | – | – | 1 | 1 | 1 | – | – |
| 1 | Harrow *HHH* - - - | 13,809 | 15,715 | 6 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Edgware *HH* - - - | 6,994 | 3,844 | 2 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Willesden *HHH* - - | 4,383 | 61,265 | 67 | 17 | 5 | 5 | – | – | – | – | 1 | 1 | – | – | 1 | 1 | – |
| 4 | Hendon *WH* - - - | 8,382 | 15,843 | 16 | 9 | 1 | 6 | – | – | 1 | – | – | – | – | – | – | 3 | – |
| 1 | South Mimms *HH* - - | 15,599 | 8,474 | 7 | 2 | – | 1 | – | – | – | – | – | – | – | 1 | 1 | – | – |
| 2 | Barnet *WHH* - - - | 5,478 | 12,045 | 9 | 3 | 1 | 1 | – | – | – | – | – | – | – | – | – | 1 | – |
| 3 | Finchley *HHH* - - - | 4,688 | 25,820 | 10 | 8 | 1 | 3 | – | – | – | – | – | – | – | – | – | 1 | – |
| 1 | Hornsey *HH* - - - | 3,039 | 61,097 | 32 | 12 | 3 | 5 | – | – | – | – | – | 1 | – | – | – | – | – |
| 2 | Tottenham *HH* - - - | 4,642 | 97,174 | 67 | 26 | 9 | 6 | – | 2 | – | – | 1 | 1 | – | 1 | 3 | 2 | – |
| 3 | Edmonton *Www* - - | 7,489 | 36,351 | 34 | 12 | 6 | – | – | 1 | – | – | – | – | – | – | – | 1 | – |
| 4 | Enfield *WWHH* - - | 12,602 | 31,536 | 24 | 20 | 4 | 8 | – | – | – | – | 2 | – | – | – | 1 | 1 | – |
| 5 | Waltham Abbey - - - | 11,017 | 6,066 | 3 | 3 | 1 | 1 | – | 1 | – | – | – | – | 1 | – | – | – | – |
| 6 | Cheshunt *H* - - - | 8,480 | 9,620 | 5 | 4 | – | 3 | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Hatfield, *part of** *W* - | 3,306 | 582 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Bushey *H* - - - - | 9,331 | 7,737 | 4 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Watford *WH*, part of* - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Stratford *H* - - - | 1,100 | 42,983 | 33 | 16 | 4 | 2 | – | – | – | – | 1 | – | – | – | – | 1 | 1 |
| 2 | Plaistow *WHH* - - - | 1,242 | 58,030 | 54 | 29 | 12 | 5 | – | – | – | 2 | 4 | – | 1 | 2 | 4 | 4 | 1 |
| 3 | Canning Town *H* - - | 1,558 | 54,750 | 64 | 22 | 8 | 4 | – | 1 | – | 1 | – | – | – | 5 | 5 | – | 1 |
| 4 | Forest Gate *w* - - - | 806 | 49,140 | 36 | 15 | 1 | 9 | – | – | – | – | – | 1 | 1 | 1 | 1 | – | – |
| 5 | East Ham *wH* - - - | 3,266 | 32,713 | 41 | 17 | 7 | 1 | – | 2 | 1 | 1 | 1 | – | – | – | 1 | 1 | – |
| 6 | Leyton *WWWwH* - - | 4,334 | 70,188 | 71 | 27 | 5 | 8 | – | 2 | – | 1 | – | 1 | – | – | 1 | 11 | – |
| 7 | Walthamstow *HHL* - - | 6,501 | 57,330 | 47 | 28 | 4 | 7 | – | 1 | – | 1 | – | – | – | – | 1 | – | – |
| 1 | Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 9 | 7 | 2 | 3 | – | – | – | 1 | – | – | – | – | – | 2 | – |
| 2 | Epping *WH*, part of*- - | — | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| 1 | Romford, *part of** *WH* - | 6,556 | 4,324 | 2 | 3 | – | 3 | – | – | – | – | – | – | – | – | – | 1 | – |
| 2 | Ilford - - - - - | 8,493 | 10,913 | 16 | 5 | 2 | 1 | – | – | – | – | – | – | – | – | 1 | – | – |
| 3 | Barking Town, *H* - - | 3,814 | 14,301 | 14 | 5 | 2 | 1 | – | – | – | 1 | – | – | – | 1 | 1 | 1 | – |

The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring as follows:—30 : 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37 : 1, the parishes of Warlingham 1 Farley in Godstone sub-district; 39 : 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41 : 3, Chislehurst -district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135 : 1, the parish of Northaw in tfield sub-district; 187 : 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping p. 1,079); 189 : 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for ectious Diseases belonging to the Outer Ring in 42 : 2, Dartford; 137 : 2, Watford; and 187 : 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday. 29th January, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | ANNUAL RATE of MORTALITY per 1000 living. From All Causes. | From Diseases in Cols. 8-14. | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Deaths in Public |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. | 16 |
| **GREATER LONDON** | **443,421** | **6,408,321** | **18·6** | **2·5** | **2291** | **488** | **634** | **–** | **95** | **20** | **51** | **108** | **16** | **14** | **71** | **53** |
| INNER LONDON - | 74,672 | 4,504,766 | 20·4 | 2·7 | 1764 | 358 | 481 | – | 79 | 17 | 36 | 84 | 10 | 10 | 52 | 47 |
| OUTER RING - | 368,749 | 1,903.555 | 14·4 | 1·9 | 527 | 130 | 153 | – | 16 | 3 | 15 | 24 | 6 | 4 | 19 | 5 |

NOTE. -The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent to the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN, and in certain FOREIGN CITIES.

| CITIES | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. (Exclusive of Stillborn) | DEATHS. (Exclusive of Stillborn) | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM PRINCIPAL ZYMOTIC DISEASES. Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœal Diseases. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 295,628 | January 29 | 157 | 90 | 15·9 | – | – | 3 | – | 5 | – | 4 |
| GLASGOW - - | 724,349 | „ 29 | 442 | 251 | 18·1 | – | 6 | 1 | 1 | 18 | 2 | 6 |
| DUBLIN - - | 349,594 | „ 29 | 240 | 194 | 28·9 | – | – | 3 | 1 | 4 | 8 | 1 |
| CALCUTTA - - | 466,460 | December 18 | – | 295 | 32·9 | – | – | – | – | – | 125 | 41 |
| BOMBAY - - | 821,764 | January 4 | 304 | 1040 | 65·8 | – | 5 | ? | ? | ? | 378‡ | 80 |
| MADRAS - - | 452,518 | December 17 | 393 | 271 | 31·1 | – | 8 | ? | ? | ? | 83 | 33 |
| PARIS - - - | 2,511,629 | January 22 | 1216 | 1220 | 25·2 | – | 6 | 4 | 3* | – | 4 | 22 |
| BRUSSELS - - | 531,011 | „ 22 | 320 | 173 | 16·9 | – | – | 1 | 1* | – | – | 11 |
| AMSTERDAM - | 500,091 | „ 15 | 289 | 132 | 13·7 | – | – | – | – | 1 | – | – |
| ROTTERDAM - | 290,004 | „ 15 | 222 | 117 | 20·9 | – | 1 | – | 1 | 3 | – | – |
| THE HAGUE - | 191,529 | „ 15 | 120 | 63 | 17·0 | – | – | – | – | 1 | – | – |
| COPENHAGEN - | 340,500 | „ 15 | 186 | 115 | 17·6 | – | – | – | 2 | 2 | – | 5 |
| STOCKHOLM - | 274,611 | „ 15 | 152 | 99 | 18·8 | – | – | 3 | 3* | 2 | – | 3 |
| CHRISTIANIA - | 192,141 | „ 22 | 138 | 73 | 19·8 | – | 1 | – | – | – | – | 6 |
| ST. PETERSBURG | 954,400 | „ 15 | 563 | 621 | 33·9 | 7 | 11 | 17 | 42 | – | 16 | 62 |
| MOSCOW - - | 753,469 | „ 15 | – | 511 | 35·4 | – | 10 | 14 | 14 | 3 | 9 | 26 |
| BERLIN - - | 1,726,098 | „ 8 | 1079 | 653 | 17·0 | – | 7 | 8 | 16 | 10 | 5 | 48 |
| HAMBURG - - | 661,015 | „ 22 | – | 189 | 14·9 | – | 1 | – | 3* | 3 | – | 7 |
| DRESDEN - - | 347,485 | December 11 | 238 | 110 | 15·2 | – | – | – | – | – | – | 5 |
| BRESLAU - - | 385,198 | January 22 | – | 159 | 21·5 | – | – | – | 1* | 2 | 1 | 17 |
| MUNICH - - | 430,000 | „ 22 | – | 185 | 22·4 | – | 3 | 1 | 10* | 3 | – | 15 |
| VIENNA - - | 1,574,129 | „ 22 | 916 | 621 | 20·5 | – | 16 | 7 | 15* | 1 | 4 | 26 |
| PRAGUE - - | 377,109 | „ 22 | 209 | 140 | 19·3 | – | – | 3 | 1 | – | 3 | 4 |
| BUDA-PESTH - | 629,486 | „ 15 | 418 | 267 | 21·1 | – | – | 1 | 8 | – | 6 | 19 |
| TRIESTE - - | 163,979 | „ 15 | 73 | 74 | 23·4 | – | – | – | 2* | – | – | – |
| ROME - - - | 483,560 | December 18 | 260 | 168 | 18·1 | – | 2 | – | 1 | – | 4 | 7 |
| TURIN (10 days) | 344,203 | „ 20 | 198 | 148 | 15·7 | – | – | – | 2 | 1 | 2 | 3 |
| VENICE - - | 166,069 | January 15 | 68 | 78 | 24·5 | – | – | – | 2* | – | – | 1 |
| CAIRO - - | 374,838 | November 18 | 436 | 345 | 48·0 | 1 | – | – | 9* | – | 3 | 76 |
| ALEXANDRIA - | 231,396 | „ 18 | 214 | 145 | 32·7 | – | – | – | 1* | – | 3 | 45 |
| NEW YORK - | 2,003,000 | January 8 | – | 770 | 19·9 | – | 13 | 24 | 21 | 2 | 1 | 7 |
| BROOKLYN - | 1,160,000 | „ 8 | – | – | – | – | – | – | – | – | – | – |
| PHILADELPHIA - | 1,214,256 | „ 15 | – | 489 | 21·0 | – | 5 | 2 | 28 | – | 17 | 7 |

* Including deaths from croup.
† Including 4 deaths from cholera in Calcutta, and 4 in Bombay.
‡ Including 302 deaths from bubonic fever.

| 1898. Month and Day. | Phases of the Moon. | Barometer. Mean daily reading (corrected and reduced to 32° Fahrenheit). | Temperature. Of the Air. High-est. | Temperature. Of the Air. Low-est. | Temperature. Of the Air. Daily Range. | Temperature. Of the Air. Mean daily value. | Temperature. Of the Air. Departure from Average of 50 years. | Temperature. Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Great-est. | Difference between the Air Temperature and Dew Point Temperature. Least. | Degree of Humidity (Saturation equals 100). | Temperature. Of Radiation. Highest in Sun's Rays. | Temperature. Of Radiation. Lowest on the Grass. | Temperature. Of the Earth 3 feet below the Surface. | Wind as deduced from Anemometers. Osler's. General Direction. A.M. | Wind as deduced from Anemometers. Osler's. General Direction. P.M. | Wind as deduced from Anemometers. Osler's. Pressure on the Square Foot. Great-est. | Wind as deduced from Anemometers. Osler's. Pressure on the Square Foot. Least. | Wind as deduced from Anemometers. Osler's. Pressure on the Square Foot. Mean of 24 hourly obs. | Wind as deduced from Anemometers. Robinson's. Horizontal Movement of the Air on each Day. | Wind as deduced from Anemometers. Robinson's. Departure from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JANUARY. | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| SUNDAY - 23 | .. | 30·450 | 45·5 | 32·7 | 12·8 | 38·5 | + 0·1 | 37·3 | 1·2 | 4·8 | 0·0 | 96 | 65·3 | 29·1 | 45·90 | Calm & SW. | WSW. | 0·1 | 0·0 | 0·0 | 129 | −204 | 0·00 | 0·0 |
| MONDAY - 24 | .. | 30·358 | 46·4 | 44·0 | 2·4 | 45·6 | + 7·1 | 37·9 | 7·7 | 9·7 | 2·1 | 75 | 51·0 | 42·0 | 45·89 | W., NW. & WNW. | WNW. & NNW. | 1·0 | 0·0 | 0·1 | 252 | −92 | 0·00 | 0·0 |
| TUESDAY - 25 | In Equator | 30·311 | 44·0 | 41·7 | 2·3 | 42·7 | + 3·9 | 35·6 | 7·1 | 8·6 | 5·3 | 76 | 44·7 | 40·0 | 45·73 | WNW. & SW. | SW. | 0·2 | 0·0 | 0·0 | 175 | −160 | 0·00 | 0·0 |
| WEDNESDAY 26 | .. | 30·235 | 45·0 | 41·3 | 3·7 | 43·6 | + 4·6 | 37·5 | 6·1 | 7·3 | 5·1 | 79 | 48·5 | 40·0 | 45·63 | SW. | SW. | 0·5 | 0·0 | 0·0 | 209 | −126 | 0·00 | 0·0 |
| THURSDAY - 27 | .. | 30·295 | 45·6 | 41·5 | 4·1 | 43·5 | + 4·2 | 36·3 | 7·2 | 9·0 | 4·2 | 76 | 48·1 | 40·0 | 45·50 | WSW. | WSW. | 1·0 | 0·0 | 0·0 | 197 | −139 | 0·00 | 0·0 |
| FRIDAY - 28 | .. | 30·471 | 43·0 | 40·3 | 2·7 | 41·7 | + 2·2 | 33·6 | 8·1 | 9·0 | 6·4 | 73 | 45·3 | 38·9 | 45·41 | WSW. | WSW. | 0·9 | 0·0 | 0·0 | 173 | −163 | 0·00 | 0·2 |
| SATURDAY - 29 | First Quarter. | 30·441 | 46·8 | 37·3 | 9·5 | 41·1 | + 1·4 | 35·9 | 5·2 | 7·0 | 4·0 | 82 | 46·8 | 37·1 | 45·31 | WSW. & SW. | WSW. & SW. | 4·2 | 0·0 | 0·3 | 334 | − 3 | 0·00 | 1·0 |
| MEANS - - | | 30·366 | 45·2 | 39·8 | 5·4 | 42·4 | + 3·4 | 36·3 | 6·1 | 7·9 | 3·9 | 80 | 50·0 | 38·2 | 45·62 | WSW. | | .. | .. | .. | Sum 1469 | Sum −877 | Sum 0·00 | 0·2 |
| No. of Column - | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| DATE. JANUARY. | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | GENERAL REMARKS. |
|---|---|---|---|---|
| SUNDAY - 23 | m. P. to s. P. - - | 2·2 | 8·7 | Dense fog in morning till 10h. A.M.; fine and generally cloudless till evening; overcast after 8h. P.M. |
| MONDAY - 24 | m. P. generally - | 0·0 | 8·7 | Overcast. |
| TUESDAY - 25 | v. P. in morning; s. P. afterwards. | 0·0 | 8·7 | Overcast. |
| WEDNESDAY 26 | m. P. to s. P. - - | 0·0 | 8·8 | Overcast. |
| THURSDAY - 27 | s. P. generally - | 0·0 | 8·8 | Overcast. |
| FRIDAY - 28 | m. P. to s. P. - - | 0·0 | 8·9 | Overcast. |
| SATURDAY - 29 | m. P. generally - | 0·0 | 8·9 | Overcast generally. |
| | | Sum 2·2 | Sum 61·5 | |
| No. of Col. - - | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890; and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer increased from 30·41 in. at the beginning of the week to 30·48 in. by 10h. A.M. on the 23rd; decreased to 30·23 in. by 3h. P.M. on the 26th; increased to 30·52 in. by 11h. P.M. on the 28th; and decreased to 30·33 in. by the end of the week.

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1898.

OFFICIAL COPY.

# WEEKLY RETURN
OF
# BIRTHS AND DEATHS IN LONDON
AND IN
## THIRTY-TWO OTHER GREAT TOWNS

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No. 5. 1898. VOL. LIX.] WEEK ENDING SATURDAY, FEB. 5. [Price 1½*d*

*General Register Office, Somerset House,*
*February 7th*, 1898.

### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 19·2 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS. | Weeks ending | | | | TOWNS. | Weeks ending | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Jan. 15. | Jan. 22. | Jan. 29. | Feb. 5. | | Jan. 15. | Jan. 22. | Jan. 29. | Feb. 5. |
| 33 Great Towns | 20·6 | 20·6 | 18·7 | 19·2 | Leicester - - | 17·2 | 16·2 | 15·2 | 16·2 |
| Birkenhead - | 12·9 | 10·6 | 14·7 | 18·0 | Liverpool - - | 25·3 | 22·8 | 18·8 | 20·2 |
| Birmingham - | 22·2 | 21·1 | 22·4 | 21·4 | London - - - | 22·9 | 23·4 | 20·4 | 21·5 |
| Blackburn - | 20·0 | 19·2 | 20·0 | 15·7 | Manchester - - | 20·6 | 20·6 | 18·0 | 17·3 |
| Bolton - - | 17·9 | 19·2 | 16·2 | 11·1 | Newcastle-on-Tyne | 19·4 | 15·9 | 17·3 | 15·9 |
| Bradford - | 14·3 | 20·5 | 17·4 | 14·1 | Norwich - - | 28·9 | 19·1 | 22·9 | 15·9 |
| Brighton - | 18·8 | 18·3 | 22·6 | 17·1 | Nottingham - - | 14·8 | 19·0 | 17·2 | 17·4 |
| Bristol - | 15·6 | 16·0 | 17·1 | 19·3 | Oldham - - | 16·5 | 15·5 | 13·0 | 20·4 |
| Burnley - | 14·8 | 19·0 | 14·8 | 18·1 | Plymouth - - | 23·7 | 18·9 | 18·9 | 23·7 |
| Cardiff - - | 12·6 | 13·5 | 13·8 | 18·2 | Portsmouth - - | 14·8 | 16·2 | 19·3 | 21·5 |
| Croydon - | 13·8 | 15·1 | 11·3 | 18·0 | Preston - - | 18·4 | 22·0 | 12·5 | 16·1 |
| Derby - - | 19·4 | 17·4 | 14·4 | 13·4 | Salford - - - | 19·6 | 19·3 | 20·5 | 17·6 |
| Gateshead - | 17·1 | 19·1 | 12·6 | 15·6 | Sheffield - - | 18·9 | 19·7 | 20·0 | 17·4 |
| Halifax - | 21·6 | 20·5 | 22·1 | 16·2 | Sunderland - - | 20·7 | 20·3 | 15·6 | 15·2 |
| Huddersfield- | 12·2 | 15·8 | 12·2 | 15·3 | Swansea - - | 13·3 | 14·8 | 15·8 | 15·8 |
| Hull - - | 17·9 | 18·1 | 14·1 | 17·5 | West Ham - - | 17·8 | 15·3 | 15·8 | 13·6 |
| Leeds - - | 19·8 | 20·2 | 16·1 | 18·4 | Wolverhampton - | 29·6 | 21·9 | 29·6 | 16·0 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·0 in Swansea, 1·1 in Halifax and in Sunderland, 1·2 in Bristol, 1·5 in Leicester, and 2·1 in Brighton; and from *whooping-cough*, 1·1 in Portsmouth, 1·2 in Sheffield, 1·4 in Oldham and in Leeds, and 1·5 in Gateshead. In no case did the death-rate from *scarlet fever*, from "*fever*," or from *diarrhœa* reach 1·0 per 1000 in any of the thirty-three towns. The 79 deaths from *diphtheria* included 42 in London, 7 in Cardiff, 6 in West Ham, 6 in Leeds, and 5 in Liverpool. No death from *small-pox* was registered in any of the thirty-three towns.

### LONDON.

In LONDON† 2603 BIRTHS and 1861 DEATHS were registered. Allowing for increase of population, the births were 233 below, and the deaths 6 above, the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 22·9, 23·4, and

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

20·4 in the preceding three weeks, rose again last week to 21·5. During the four weeks ending on Saturday last the death-rate averaged 22·1 per 1000, being 2·4 per 1000 below the mean rate in the corresponding periods of the ten years 1888–97.

The 1861 deaths included 80 from measles, 12 from scarlet fever, 42 from diphtheria, 64 from whooping-cough, 8 from enteric fever, 1 from an ill-defined form of continued fever, 17 from diarrhœa and dysentery, and not one death from small-pox, from typhus, or from cholera; thus, 224 deaths were referred to these diseases, being 30 above the corrected average weekly number.

The deaths from *measles*, which had been 134, 130, and 79 in the preceding three weeks, were 80 last week, exceeding the corrected average by 53; 8 cases belonged to Camberwell, 6 to Poplar, 6 to Lambeth, 5 to Fulham, 5 to Chelsea, 5 to St. Pancras, and 5 to Shoreditch sanitary areas. The deaths from *scarlet fever*, which had been 15, 17, and 17 in the preceding three weeks, fell again last week to 12, and were 9 below the corrected average; 2 cases belonged to Fulham. 2 to Hackney, and 2 to Wandsworth sanitary areas. The deaths from *diphtheria*, which had been 44, 33, and 36 in the preceding three weeks, further rose last week to 42, but were 2 below the corrected average; 5 cases belonged to Hackney, 3 to Fulham, 3 to Mile End Old Town, and 3 to Poplar sanitary areas. The deaths from *whooping-cough*, which had been 76, 69, and 84 in the preceding three weeks, fell again last week to 64, and were 10 below the corrected average; 7 cases belonged to Bethnal Green, 7 to Mile End Old Town, 6 to Hackney, and 6 to Poplar sanitary areas. The fatal cases of *enteric fever*, which had been 9, 8, and 9 in the preceding three weeks, were 8 last week, the corrected average being 12; 2 cases belonged to Greenwich sanitary area. The deaths from *diarrhœa*, which had been 10, 7, and 10 in the preceding three weeks, further rose last week to 17, and were 3 above the corrected average. The deaths referred to diseases of the respiratory organs, which had been 516, 567, and 471 in the preceding three weeks, were again 471 last week, the corrected average being 489. The deaths attributed directly to *influenza* numbered 102, having been 40, 73, and 88 in the preceding three weeks.

Different forms of violence caused 78 deaths, concerning all but 2 of which inquests were held. Of these 78 deaths, 12 were cases of suicide, and 3 of homicide, while the remaining 63 were attributed to accident or negligence. Six of these were referred to vehicles in the streets, 13 to burns and scalds, and 10 (including 9 of infants under one year of age), to suffocation in bed.

## Cases of Infectious Sickness in Hospitals.*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2964 cases of scarlet fever, 1054 of diphtheria, and 96 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 209 cases, against 215, 248, and 244; of diphtheria, 155 cases, against 113, 125, and 163; and of enteric fever, 9 cases, against 15, 17, and 15.

## Greater London.

In Greater London 3584 births and 2361 deaths were registered, corresponding to annual rates of 29·2 and 19·2 per 1000 of the estimated population. In the Outer Ring 8 deaths from measles, 3 from scarlet fever, 15 from diphtheria, 17 from whooping-cough, 2 from "fever," and 7 from diarrhœa were registered. Nine deaths from diphtheria occurred in West Ham district, and 3 in Edmonton district.

## Meteorology.

The mean reading of the Barometer last week at Greenwich was 29·80 inches, and that of the Thermometer 44°·0, the latter being 4°·2 above the week's average in the 50 years 1841–90. The direction of the wind was westerly, the horizontal movement of the air being 62 per cent. above the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 10·2 hours; the measured rainfall amounted to 0·28 of an inch.

* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found, after sojourn in the Hospital to have been erroneous.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Registered during the Week ending 5th February 1898. Births. | Deaths. | The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Annual Rate per 1000, corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6-12. | Temperature of the Air. Highest. Fahrenheit. | Lowest. Fahrenheit. | Mean. Fahrenheit. | Centigrade. | Rainfall. In Inches. | In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| 33 Towns - | **11,218,378** | **6483** | **4133** | **976** | **1089** | **-** | **141** | **41** | **79** | **130** | **25** | **37** | **160** | **316** | **880** | **38** | **19·2** | **2·1** | **58·6** | **27·9** | **43·8** | **6·56** | **0·59** | **1·50** | 33 Towns. |
| London - - | 4,504,766 | 2603 | 1861 | 385 | 547 | - | 80 | 12 | 42 | 64 | 9 | 17 | 78 | 153 | 538 | 8 | 21·5 | 2·6 | 55·8 | 31·4 | 44·0 | 6·67 | 0·28 | 0·71 | London. |
| West Ham - - | 28[illegible],654 | 154 | 75 | 20 | 20 | - | - | - | 6 | 3 | - | 1 | - | 3 | 10 | 2 | 13·6 | 1·2 | - | - | - | - | - | - | West Ham. |
| Croydon - - | 124,421 | 62 | 43 | 9 | 21 | - | - | - | - | 1 | - | - | 2 | 7 | 7 | - | 18·0 | 0·4 | 57·0 | 29·5 | 41·9 | 5·50 | 0·32 | 0·81 | Croydon. |
| Brighton - - | 122,310 | 55 | 40 | 7 | 15 | - | 5 | - | - | - | - | 1 | - | 2 | 3 | - | 17·1 | 2·6 | 53·8 | 31·8 | 45·4 | 7·44 | 0·57 | 1·45 | Brighton. |
| Portsmouth - | 186,618 | 94 | 77 | 21 | 23 | - | - | 2 | - | 4 | 1 | - | 3 | 3 | 16 | 2 | 21·5 | 2·0 | 55·0 | 32·0 | 45·8 | 7·67 | 0·23 | 0·58 | Portsmouth. |
| Plymouth - - | 99,136 | 58 | 45 | 17 | 13 | - | 1 | - | 1 | - | - | - | - | 6 | 1 | 1 | 23·7 | 1·1 | - | - | - | - | - | - | Plymouth. |
| Bristol - - | 316,900 | 189 | 117 | 29 | 39 | - | 7 | - | 2 | 2 | - | 1 | 4 | 9 | 13 | - | 19·3 | 2·0 | 54·0 | 28·0 | 43·5 | 6·39 | 0·34 | 0·86 | Bristol. |
| Cardiff - - | 177,770 | 120 | 62 | 19 | 12 | - | 3 | - | 7 | 2 | - | - | 4 | 11 | 8 | 1 | 18·2 | 3·5 | - | - | - | - | - | - | Cardiff. |
| Swansea - - | 102,001 | 46 | 31 | 10 | 5 | - | 2 | - | - | - | - | - | - | - | 2 | - | 15·8 | 1·0 | - | - | - | - | - | - | Swansea. |
| Wolverhampton | 83,051 | 56 | 27 | 7 | 6 | - | - | - | 1 | - | - | - | - | 3 | - | - | 16·0 | 0·6 | 56·7 | 27·9 | 42·3 | 5·72 | 0·86 | 2·18 | Wolverhampton. |
| Birmingham - | 510,343 | 355 | 209 | 71 | 35 | - | 8 | 1 | 3 | 7 | 2 | 3 | 8 | 10 | 31 | 4 | 21·4 | 2·5 | - | - | - | - | - | - | Birmingham. |
| Norwich - - | 111,699 | 70 | 34 | 8 | 12 | - | - | - | 1 | 1 | - | 1 | 1 | 2 | 2 | - | 15·9 | 1·4 | - | - | - | - | - | - | Norwich. |
| Leicester - - | 208,662 | 107 | 65 | 22 | 13 | - | 6 | - | - | 1 | - | - | 1 | 3 | 8 | 3 | 16·2 | 1·7 | - | - | - | - | - | - | Leicester. |
| Nottingham - | 236,137 | 120 | 79 | 16 | 29 | - | 1 | - | - | - | 3 | - | 3 | 7 | 20 | 1 | 17·4 | 0·9 | 57·2 | 30·8 | 43·6 | 6·44 | 0·34 | 0·86 | Nottingham. |
| Derby - - - | 104,834 | 53 | 27 | 8 | 8 | - | 1 | 1 | 1 | - | - | - | 1 | 3 | 4 | - | 13·4 | 1·5 | - | - | - | - | - | - | Derby. |
| Birkenhead - | 113,189 | 74 | 39 | 9 | 14 | - | 1 | 1 | 2 | - | 1 | 1 | - | - | 5 | 1 | 18·0 | 2·8 | - | - | - | - | - | - | Birkenhead. |
| Liverpool - - | 633,645 | 409 | 245 | 52 | 52 | - | 1 | 6 | 5 | 7 | - | 2 | 11 | 17 | 46 | 6 | 20·2 | 1·7 | 58·6 | 32·4 | 44·2 | 6·78 | 0·70 | 1·78 | Liverpool. |
| Bolton - - | 122,495 | 65 | 26 | 5 | 8 | - | - | - | - | 1 | - | - | - | 2 | 2 | - | 11·1 | 0·4 | - | - | - | - | - | - | Bolton. |
| Manchester - | 539,079 | 325 | 179 | 36 | 36 | - | 2 | 4 | - | 2 | 3 | 2 | 7 | 13 | 44 | 1 | 17·3 | 1·3 | - | - | - | - | - | - | Manchester. |
| Salford - - | 215,702 | 114 | 73 | 20 | 16 | - | 1 | - | - | 3 | - | - | 6 | 11 | 15 | 2 | 17·6 | 1·0 | - | - | - | - | - | - | Salford. |
| Oldham - - | 148,288 | 57 | 58 | 12 | 11 | - | 2 | 1 | 1 | 4 | 1 | - | 2 | 4 | 8 | - | 20·4 | 3·2 | - | - | - | - | - | - | Oldham. |
| Burnley - - | 109,546 | 69 | 38 | 7 | 6 | - | - | - | - | - | - | 1 | 3 | 4 | 4 | - | 18·1 | 0·5 | - | - | - | - | - | - | Burnley. |
| Blackburn - - | 133,228 | 66 | 40 | 14 | 10 | - | 1 | - | - | - | - | 1 | 3 | 3 | 4 | 2 | 15·7 | 0·8 | - | - | - | - | - | - | Blackburn. |
| Preston - - | 116,356 | 73 | 36 | 17 | 5 | - | 1 | 1 | - | - | 1 | 2 | - | - | 6 | 1 | 16·1 | 2·2 | - | - | - | - | - | - | Preston. |
| Huddersfield - | 102,454 | 58 | 30 | 6 | 12 | - | 1 | - | - | - | - | - | 3 | 4 | 5 | - | 15·3 | 0·5 | 55·8 | 29·5 | 42·1 | 5·61 | 1·16 | 2·95 | Huddersfield. |
| Halifax - - | 96,729 | 44 | 30 | 4 | 9 | - | 2 | - | - | - | 1 | 1 | 1 | 1 | 7 | - | 16·2 | 2·2 | - | - | - | - | - | - | Halifax. |
| Bradford - - | 233,737 | 115 | 63 | 15 | 11 | - | - | - | - | 3 | - | - | 6 | 7 | 6 | - | 14·1 | 0·7 | 57·2 | 31·4 | 44·8 | 7·11 | 0·98 | 2·49 | Bradford. |
| Leeds - - - | 416,618 | 235 | 147 | 38 | 23 | - | 4 | 5 | 6 | 11 | - | - | 6 | 11 | 24 | - | 18·4 | 3·3 | - | - | - | - | - | - | Leeds. |
| Sheffield - - | 356,478 | 219 | 119 | 30 | 30 | - | 4 | 2 | - | 8 | 1 | - | 3 | 6 | 12 | 2 | 17·4 | 2·2 | - | - | - | - | - | - | Sheffield. |
| Hull - - - | 229,887 | 159 | 77 | 25 | 22 | - | 3 | 2 | - | 3 | 2 | 1 | 1 | 2 | 10 | 1 | 17·5 | 2·5 | 56·0 | 28·0 | 43·8 | 6·56 | 0·66 | 1·68 | Hull. |
| Sunderland - | 143,849 | 68 | 42 | 12 | 6 | - | 3 | 1 | 1 | - | - | - | - | - | 8 | - | 15·2 | 1·8 | - | - | - | - | - | - | Sunderland. |
| Gateshead - - | 103,775 | 74 | 31 | 8 | 7 | - | 1 | - | - | 3 | - | - | - | 1 | - | - | 15·6 | 2·0 | - | - | - | - | - | - | Gateshead. |
| Newcastle - | 223,021 | 117 | 68 | 17 | 13 | - | - | 2 | - | - | - | 2 | 3 | 8 | 11 | - | 15·9 | 0·9 | - | - | - | - | - | - | Newcastle. |

* See note * on first page of this return.

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the FIFTH Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2688 | 2662 | 2699 | 2991 | 2808 | 2768 | 2703 | 2587 | 2461 | 2582 | 2836·4 | 2603 |
| Males - - | 1371 | 1327 | 1355 | 1463 | 1422 | 1393 | 1365 | 1336 | 1262 | 1279 | 1428·3 | 1306 |
| Females - | 1317 | 1335 | 1344 | 1528 | 1386 | 1375 | 1343 | 1251 | 1199 | 1303 | 1408·1 | 1297 |
| TOTAL **Deaths** - | 1894 | 1572 | 1849 | 1638 | 2500 | 1673 | 1620 | 1598 | 1516 | 1764 | 1854·6 | 1861 |
| Males - - | 958 | 796 | 965 | 840 | 1232 | 852 | 821 | 828 | 759 | 884 | 940·3 | 939 |
| Females - - | 936 | 776 | 884 | 798 | 1268 | 821 | 799 | 770 | 757 | 880 | 914·3 | 922 |

* The numbers in this column are the average weekly numbers in the fifth week of the ten years 1888-97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | Nov. 13. | Nov. 20. | Nov. 27. | Dec. 4. | Dec. 11. | Dec. 18. | Dec. 25. | Jan. 1. | Jan. 8. | Jan. 15. | Jan. 22. | Jan. 29. | Feb. 5. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** - - - | 2507 | 2780 | 2523 | 2459 | 2489 | 2623 | 2106 | 2363 | 3001 | 2703 | 2631 | 2639 | 2603 |
| TOTAL **Deaths** - - - | 1660 | 1617 | 1793 | 1725 | 1866 | 1796 | 1555 | 2360 | 1990 | 1982 | 2021 | 1764 | 1861 |
| Ages at Death: Under 1 year - - | 433 | 430 | 417 | 399 | 411 | 362 | 339 | 443 | 345 | 373 | 404 | 358 | 385 |
| 1—5 years - - | 291 | 264 | 342 | 303 | 353 | 313 | 277 | 456 | 361 | 353 | 367 | 306 | 298 |
| 5—20 " - - | 90 | 101 | 107 | 89 | 84 | 108 | 82 | 111 | 90 | 85 | 76 | 72 | 92 |
| 20—40 " - - | 181 | 184 | 210 | 190 | 202 | 198 | 187 | 267 | 231 | 225 | 203 | 206 | 204 |
| 40—60 " - - | 280 | 302 | 324 | 315 | 343 | 316 | 262 | 436 | 389 | 385 | 366 | 341 | 335 |
| 60—80 " - - | 321 | 283 | 320 | 341 | 373 | 410 | 321 | 544 | 472 | 470 | 490 | 372 | 438 |
| 80 years and upwards | 64 | 53 | 73 | 88 | 100 | 89 | 87 | 103 | 102 | 91 | 115 | 109 | 109 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox - - - - - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Measles - - - - - | 78 | 87 | 120 | 108 | 122 | 134 | 112 | 166 | 130 | 134 | 130 | 79 | 80 |
| Scarlet Fever - - - | 20 | 27 | 26 | 21 | 18 | 19 | 9 | 11 | 19 | 15 | 17 | 17 | 12 |
| Diphtheria - - - - | 46 | 36 | 63 | 52 | 58 | 63 | 56 | 53 | 50 | 44 | 33 | 36 | 42 |
| Whooping-cough - - - | 25 | 29 | 35 | 38 | 46 | 45 | 57 | 76 | 65 | 76 | 69 | 84 | 64 |
| Typhus - - - - - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Enteric Fever - - - | 20 | 15 | 21 | 16 | 14 | 23 | 5 | 14 | 10 | 9 | 8 | 9 | 8 |
| Simple Continued Fever - | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 |
| Diarrhœa and Dysentery .. | 21 | 8 | 13 | 15 | 12 | 11 | 6 | 13 | 10 | 10 | 7 | 10 | 17 |
| Cholera - - - - - - | - | - | 1 | - | - | - | - | - | - | - | - | - | - |
| All the above Diseases - | 210 | 202 | 279 | 250 | 270 | 295 | 245 | 333 | 284 | 288 | 264 | 236 | 224 |
| Dis. of Respiratory System - | 419 | 414 | 471 | 418 | 468 | 458 | 353 | 700 | 533 | 516 | 567 | 471 | 471 |
| Phthisis - - - - - - | 149 | 155 | 164 | 147 | 168 | 157 | 160 | 201 | 180 | 212 | 170 | 159 | 163 |
| Dis. of Circulatory System - | 138 | 131 | 152 | 164 | 151 | 151 | 131 | 167 | 186 | 161 | 153 | 135 | 126 |
| Violence - - - - - | 43 | 74 | 74 | 58 | 64 | 60 | 79 | 117 | 79 | 77 | 87 | 52 | 78 |
| Inquest Cases - - - - | 123 | 179 | 169 | 144 | 153 | 146 | 158 | 251 | 205 | 173 | 167 | 130 | 153 |
| Deaths in Public Institutions - | 468 | 435 | 499 | 461 | 532 | 513 | 413 | 603 | 533 | 533 | 523 | 478 | 538 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean - - - - - - | 48°·0 | 47°·5 | 43°·4 | 39°·0 | 41°·7 | 46°·2 | 35°·8 | 45°·1 | 43°·4 | 41°·8 | 45°·1 | 42°·4 | 44°·0 |
| Mean of Highest readings - | 52·0 | 53·4 | 48·0 | 44·0 | 47·5 | 50·8 | 40·3 | 48·7 | 48·9 | 44·6 | 48·1 | 45·2 | 49·4 |
| Mean of Lowest readings - | 42·7 | 41·5 | 38·2 | 32·7 | 36·4 | 40·1 | 30·0 | 40·7 | 37·1 | 37·6 | 40·9 | 39·8 | 39·6 |
| Humidity of the Air - - | 92 | 84 | 91 | 79 | 82 | 87 | 88 | 87 | 89 | 85 | 91 | 80 | 79 |
| Rain-fall (in inches) - - | 0·18 | 0·34 | 0·38 | 0·15 | 0·86 | 0·63 | 0·02 | 0·66 | 0·49 | 0·00 | 0·12 | 0·00 | 0·28 |
| Registered Sunshine (in hours) | 3·7 | 11·1 | 7·9 | 14·3 | 9·1 | 13·5 | 12·9 | 5·0 | 11·1 | 3·5 | 3·4 | 2·2 | 10·2 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox - - - - - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Scarlet Fever - - - - | 3777 | 3792 | 3818 | 3812 | 3806 | 3733 | 3619 | 3572 | 3450 | 3253 | 3149 | 3061 | 2964 |
| Diphtheria - - - - | 1066 | 1064 | 1052 | 1055 | 1110 | 1109 | 1086 | 1070 | 1062 | 1023 | 1045 | 1062 | 1054 |
| Enteric Fever - - - - | 160 | 163 | 155 | 155 | 151 | 138 | 129 | 116 | 111 | 110 | 109 | 106 | 96 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton: A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Boobbyer, Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FIFTH Week of the Year 1898.

| CAUSES OF DEATH. | Corrected Averages for the 5th Week of the 10 years 1888-97*. | In the Week ending Saturday, 5th February 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0–1. | 1–5. | 5–20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| . CAUSES - - - | 1854·6 | 1861 | 385 | 298 | 92 | 204 | 335 | 438 | 109 |
| nall-pox { Vaccinated† - | 0·3 | - | - | - | - | - | - | - | - |
| { Unvaccinated | 0·2 | - | - | - | - | - | - | - | - |
| { No Statement | 0·3 | - | - | - | - | - | - | - | - |
| asles - - - - | 27·3 | 80 | 14 | 61 | 5 | - | - | - | - |
| arlet Fever - - - | 20·6 | 12 | 2 | 6 | 4 | - | - | - | - |
| phus - - - - | - | - | - | - | - | - | - | - | - |
| lapsing Fever - - | - | - | - | - | - | - | - | - | - |
| luenza - - - - | 51·0 | 102 | 5 | 5 | 4 | 14 | 21 | 47 | 6 |
| hooping-cough - - | 74·2 | 64 | 23 | 36 | 5 | - | - | - | - |
| phtheria - - | 44·1 | 42 | - | 20 | 20 | 2 | - | - | - |
| uple Continued and ill-defined Fever - | 0·7 | 1 | - | - | 1 | - | - | - | - |
| teric Fever - - - | 12·2 | 8 | - | - | 2 | 3 | 3 | - | - |
| olera and Chol. Diarr. | - | - | - | - | - | - | - | - | - |
| arrhœa, Dysentery - | 13·7 | 17 | 14 | 1 | - | 1 | - | 1 | - |
| mittent Fever - - | - | - | - | - | - | - | - | - | - |
| drophobia - - - | - | - | - | - | - | - | - | - | - |
| anders - - - - | - | - | - | - | - | - | - | - | - |
| wpox and Effects of vaccination - - | 0·2 | - | - | - | - | - | - | - | - |
| nereal Affections - - | 9·9 | 13 | 9 | 1 | - | 1 | 1 | 1 | - |
| ysipelas - - - | 4·7 | 3 | 1 | - | - | 1 | - | 1 | - |
| æmia and Septicæmia | 2·5 | 2 | - | - | - | - | 2 | - | - |
| erperal Fever - - | 4·6 | 2 | - | - | - | 2 | - | - | - |
| her Zymotic Diseases | 1·3 | 1 | - | - | - | - | - | - | 1 |
| rush - - - - | 1·5 | - | - | - | - | - | - | - | - |
| orms and other Parasitical Diseases - | 0·1 | - | - | - | - | - | - | - | - |
| arvation, Want of Breast-milk - - | 1·7 | 1 | 1 | - | - | - | - | - | - |
| coholism - - - | 9·2 | 8 | - | - | - | 1 | 6 | 1 | - |
| eumatic Fever, Rheumatism of Heart | 8·6 | 8 | - | 2 | - | 5 | - | 1 | - |
| eumatism - - - | 2·2 | 1 | - | - | - | - | 1 | - | - |
| out - - - - - | 4·7 | 5 | - | - | - | - | 3 | 1 | 1 |
| ckets - - - - | 4·2 | 3 | 2 | 1 | - | - | - | - | - |
| ncer - - - - | 63·3 | 84 | - | 1 | - | 6 | 32 | 42 | 3 |
| bes Mesenterica - - | 19·5 | 19 | 9 | 7 | 1 | - | 1 | 1 | - |
| bercular Meningitis - | 24·5 | 25 | 4 | 17 | 4 | - | - | - | - |
| thisis - - - - | 179·1 | 163 | 2 | - | 9 | 77 | 58 | 17 | - |
| rofula, Tuberculosis - | 17·4 | 17 | 4 | 6 | 3 | 3 | 1 | - | - |
| her Constitutional Diseases - - | 12·3 | 13 | - | 1 | - | 1 | 4 | 7 | - |
| remature Birth - - | 45·2 | 59 | 59 | - | - | - | - | - | - |
| electasis - - - | 3·1 | 5 | 5 | - | - | - | - | - | - |
| ongenital Malformations - - - | 8·0 | 9 | 9 | - | - | - | - | - | - |
| ld Age - - - - | 64·5 | 62 | - | - | - | - | - | 25 | 37 |
| poplexy - - - | 46·4 | 47 | 1 | - | - | 1 | 14 | 24 | 7 |
| pilepsy - - - - | 6·2 | 7 | - | 1 | 2 | 2 | 1 | 1 | - |
| onvulsions - - - | 43·9 | 33 | 30 | 3 | - | - | - | - | - |
| ther Diseases of Brain and Nervous System | 96·2 | 77 | 7 | 6 | 3 | 7 | 18 | 28 | 8 |
| iseases of Organs of Special Sense - | 2·8 | 3 | 2 | - | - | - | 1 | - | - |

| CAUSES OF DEATH | Corrected Averages for the 5th Week of the 10 years 1888-97*. | In the Week ending Saturday, 5th February 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0–1. | 1–5. | 5–20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 154·0 | 126 | - | 2 | 4 | 17 | 46 | 50 | 7 |
| Croup - - - - | 6·5 | 2 | - | 2 | - | - | - | - | - |
| Bronchitis - - - | 299·8 | 272 | 50 | 28 | 3 | 6 | 48 | 112 | 25 |
| Pneumonia - - - | 136·5 | 155 | 46 | 59 | 3 | 14 | 16 | 15 | 2 |
| Pleurisy - - - - | 6·0 | 9 | - | - | - | 4 | 2 | 2 | 1 |
| Other Diseases of Respiratory System - | 40·4 | 33 | 3 | 6 | 1 | - | 10 | 11 | 2 |
| Dentition - - - - | 11·3 | 8 | 5 | 3 | - | - | - | - | - |
| Quinsy, Sore Throat - | 1·4 | 1 | - | 1 | - | - | - | - | - |
| Enteritis - - - - | 10·8 | 16 | 8 | 1 | 3 | 3 | - | 1 | - |
| Peritonitis - - - | 7·2 | 6 | - | 2 | 2 | 1 | 1 | - | - |
| Diseases of Liver - - | 22·4 | 19 | 3 | - | - | 1 | 9 | 5 | 1 |
| Other Diseases of Digestive System | 30·9 | 24 | 5 | 2 | 1 | 1 | 5 | 9 | 1 |
| Diseases of Lymphatic System & of Ductless Glands - - - | 2·4 | 2 | - | 1 | - | 1 | - | - | - |
| Diseases of Urinary System - - - | 45·5 | 45 | 1 | 1 | 2 | 8 | 14 | 16 | 3 |
| Diseases of Generative System - - - | 6·2 | 5 | - | - | - | 3 | 1 | 1 | - |
| Accidents of Childbirth - | 5·4 | 3 | - | - | - | 3 | - | - | - |
| Diseases of Locomotive System - - - | 5·2 | 6 | - | 3 | 1 | 1 | 1 | - | - |
| Diseases of Integumentary System - - | 6·6 | 7 | 1 | 2 | - | - | 1 | 1 | 2 |
| VIOLENT DEATHS‡ (ACCIDENT.) | | | | | | | | | |
| By Railways - - - | 55·1 | 2 | - | - | - | - | 2 | - | - |
| By Vehicles or Horses - | | 6 | - | - | 3 | 1 | 1 | 1 | - |
| In Ships, Boats, Docks, (exclusive of Drowning) - - - | | 1 | - | - | - | - | - | 1 | - |
| In Building Operations - | | - | - | - | - | - | - | - | - |
| In Conflagrations - - | | - | - | - | - | - | - | - | - |
| By Burns, Scalds, Explosions - - | | 13 | 2 | 6 | 3 | 1 | - | 1 | - |
| By Drowning - - - | | 5 | 1 | - | - | 1 | 2 | 1 | - |
| By Suffocation in Bed - | | 10 | 9 | 1 | - | - | - | - | - |
| By Poisons or Poisonous Vapours - - | | 1 | - | - | - | 1 | - | - | - |
| Other or not stated causes - - - - | | 25 | 3 | 1 | 2 | 6 | 2 | 9 | 2 |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - | 1·4 | 3 | 2 | - | - | 1 | - | - | - |
| Suicide - - - - | 9·0 | 12 | - | - | - | 3 | 7 | 2 | - |
| Execution - - - | - | - | - | - | - | - | - | - | - |
| OTHER CAUSES - - | 58·2 | 48 | 43 | 2 | 1 | - | - | 2 | - |

* The numbers in this column are the average weekly deaths for the ten years 1888–97, raised by 5·230 per cent. for increase of population.

† Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

‡ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter or suicide. All such cases are classed under "accident."

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 5th February, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2603 | 1861 | 385 | 547 | – | 80 | 12 | 42 | 64 | – | 8 | 1 | 17 | 78 | 153 | 538 | 8 |
| WEST DISTRICTS - - - | 778,251 | 367 | 342 | 62 | 115 | – | 19 | 2 | 6 | 9 | – | 1 | – | 2 | 22 | 33 | 113 | – |
| NORTH DISTRICTS - - - | 1,040,694 | 546 | 395 | 72 | 114 | – | 14 | 1 | 11 | 16 | – | 1 | – | 3 | 10 | 26 | 118 | 1 |
| CENTRAL DISTRICTS - - - | 233,635 | 123 | 81 | 14 | 17 | – | – | – | 1 | – | – | 1 | – | 2 | 5 | 7 | 37 | – |
| EAST DISTRICTS - - - | 716,334 | 532 | 324 | 78 | 76 | – | 20 | – | 5 | 26 | – | 1 | 1 | 1 | 14 | 32 | 83 | – |
| SOUTH DISTRICTS - - - | 1,642,796 | 1035 | 681 | 157 | 208 | – | 27 | 4 | 19 | 13 | – | 4 | – | 9 | 27 | 55 | 149 | 7 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | — | – | 38 | 2 | 17 | – | – | 5 | – | – | – | – | – | – | – | – | 38 | – |
| **WEST DISTRICTS.** | | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 54 | 45 | 11 | 12 | – | 1 | – | 1 | 3 | – | – | – | – | 3 | 4 | 8 | – |
| St. John Paddington *H* - - G. | 33,510 | 6 | 12 | 2 | 4 | – | – | – | – | – | – | 1 | – | – | 3 | 5 | 5 | – |
| Kensington Town *Ww* - - W. | 122,164 | 55 | 71 | 14 | 27 | – | 1 | – | – | – | – | – | – | 1 | 1 | 3 | 35 | – |
| Brompton *H* - - - W. & C. | 48,301 | 10 | 12 | – | 7 | – | 1 | – | – | – | – | – | – | – | 1 | 1 | 1 | – |
| St. Peter Hammersmith - - W. | 9,097 | 13 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| St. Paul Hammersmith *HH* W. & G. | 35,102 | 42 | 36 | 3 | 17 | – | 3 | – | 1 | 1 | – | – | – | – | 4 | 4 | 5 | – |
| Fulham *Ww* - - - W. & C. | 113,781 | 88 | 49 | 15 | 10 | – | 4 | 2 | 4 | 2 | – | – | – | 1 | 3 | 3 | 21 | – |
| Chelsea Kensal Town - C. | 21,450 | 6 | 3 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Chelsea North *WHHHHH* - C. | 42,057 | 20 | 25 | 4 | 10 | – | 4 | – | – | 1 | – | – | – | – | 2 | 5 | 11 | – |
| Chelsea South *HH* - - C. | 33,139 | 16 | 6 | – | 3 | – | 1 | – | – | – | – | – | – | – | 1 | 1 | 1 | – |
| May Fair *W* - - - - G. | 23,827 | 2 | 9 | – | 5 | – | – | – | – | – | – | – | – | – | – | – | 6 | – |
| Belgrave *WHHH* - - - C. | 56,140 | 18 | 23 | 3 | 9 | – | 1 | – | – | – | – | – | – | – | – | 1 | 7 | – |
| St. John Westminster *HH* - C. | 31,492 | 23 | 21 | 3 | 7 | – | 2 | – | – | 2 | – | – | – | – | – | 1 | 3 | – |
| St. Margaret Westminster *H* - C. | 22,097 | 4 | 12 | 4 | – | – | 1 | – | – | – | – | – | – | – | 2 | 2 | 7 | – |
| St. James Westminster *WHH* N. & G. | 23,050 | 6 | 10 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – | 2 | – |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 4 | 6 | 2 | – | – | – | – | – | – | – | – | – | – | 1 | 2 | 1 | – |
| **NORTH DISTRICTS.** | | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - W. | 36,595 | 11 | 15 | 1 | 6 | – | – | – | – | – | – | – | – | – | 2 | 2 | 4 | – |
| Rectory Marylebone *W* G. & W. | 19,798 | 8 | 5 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 37 | 10 | 3 | 1 | – | – | – | – | 2 | – | – | – | – | – | – | 4 | 1 |
| Christchurch Marylebone *H* - W. | 32,547 | 15 | 4 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| St. John Marylebone *HHH* W. | 32,611 | 18 | 15 | 5 | 5 | – | – | – | – | 1 | – | – | – | – | – | – | – | – |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 24 | 31 | 3 | 10 | – | 2 | 1 | 4 | 1 | – | – | – | – | – | – | 11 | – |
| Regent's Park Pancras *HH* - W. | 37,341 | 16 | 7 | 1 | 3 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Tottenham-court *wHHH* - N. & W. | 26,757 | 8 | 16 | 4 | 6 | – | – | – | – | – | – | – | – | 1 | – | 1 | 6 | – |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 12 | 21 | 4 | 3 | – | – | – | – | 1 | – | – | – | – | 2 | 4 | 9 | – |
| Somers Town *HH* - - - N. | 32,161 | 21 | 12 | 2 | 3 | – | 1 | – | – | 2 | – | 1 | – | – | – | 1 | – | – |
| Camden Town *WH* - - N. | 16,669 | 18 | 20 | 1 | 11 | – | 3 | – | – | – | – | – | – | – | 2 | 3 | 17 | – |
| Kentish Town *WW* - - N. | 98,410 | 59 | 29 | 4 | 5 | – | 1 | – | – | 1 | – | – | – | 1 | – | 1 | 16 | – |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 36 | 47 | 7 | 17 | – | – | – | – | – | – | – | – | 1 | – | 4 | 22 | – |
| Islington South-west *H* - N. | 107,365 | 63 | 30 | 7 | 7 | – | 2 | – | – | – | – | – | – | – | 1 | 4 | – | – |
| Islington South-east - - N. | 66,549 | 37 | 19 | 3 | 6 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| Highbury *HH* - - - N. | 64,577 | 31 | 17 | 1 | 4 | – | 1 | – | – | 2 | – | – | – | – | – | – | – | – |
| Stoke Newington *H* - - N. | 33,485 | 14 | 4 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| North Hackney - - E. & N. | 213,044 | 15 | 15 | 2 | 5 | – | 1 | – | – | – | – | – | – | – | 1 | 2 | – | – |
| Central Hackney *ww* - E. & N. | | 34 | 23 | 5 | 5 | – | – | – | 7 | 1 | – | – | – | – | – | – | 6 | – |
| South-west Hackney *HHH* E. & N. | | 30 | 21 | 12 | 2 | – | – | – | – | 2 | – | – | – | – | – | – | 6 | – |
| South-east Hackney *WwH* E. & N. | | 39 | 34 | 5 | 11 | – | 3 | – | – | 3 | – | – | – | – | 1 | 3 | 15 | – |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers are received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. The Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River; E. East London; and K. the Kent Company.

* See note † on first page of this Return.

E 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 5th February, 1898—*continued.*

| EGISTRATION SUB-DISTRICTS. | Enumerated Population 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CENTRAL DISTRICTS. | | | | | | | | | | | | | | | | | | |
| George Bloomsbury - - N. | 16,110 | 5 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| iles South *WH* - - N. | 12,976 | 8 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 | 1 | – |
| iles North *H* - - - N. | 9,151 | 6 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Martin-in-the-Fields *HH* N. & C. | 13,077 | 1 | 4 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 3 | – |
| nd *WHH* - - - - N. | 11,839 | 5 | 4 | – | – | – | – | – | – | – | – | – | – | – | – | – | 3 | – |
| *nd Union Workhouse, Edmonton* | †*1,037* | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| born *wHHHHHH* - N. | 31,042 | 19 | 16 | 4 | – | – | – | – | 1 | – | – | – | – | 1 | – | 1 | 9 | – |
| ames Clerkenwell - - N. | 15,777 | 11 | 5 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| well Clerkenwell - - N. | 34,356 | 18 | 8 | 2 | 5 | – | – | – | – | – | – | – | – | – | 2 | 2 | – | – |
| well-street - - - - N. | 16,069 | 19 | 5 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| -road *HHHL* - - - N. | 29,897 | 16 | 10 | 2 | – | – | – | – | – | – | – | – | – | 1 | – | – | 5 | – |
| itecross-street - - - N. | 7,595 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| sbury - - - - - N. | 4,035 | 1 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| *born Union Workhouse, itcham* - - - - | †*892* | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Botolph *H* - - N. & E. | 6,870 | 4 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| plegate - - - - N. | 3,299 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Sepulchre *WH* - - - N. | 9,591 | 6 | 19 | 2 | 4 | – | – | – | – | – | – | 1 | – | – | 2 | 2 | 15 | – |
| hallows Barking - - - N. | 9,059 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| ad Street *H* - - - N. | 2,892 | – | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| *of London Asylum, Stone* - - | †*388* | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| EAST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| reditch South *Hl* - E. & N. | 17,975 | 7 | 10 | 2 | 3 | – | – | – | – | – | – | – | – | 1 | – | – | 2 | – |
| xton New Town *w* - - N. | 29,575 | 17 | 11 | 1 | 4 | – | 1 | – | – | 2 | – | – | – | – | – | 1 | 5 | – |
| xton Old Town - - - N. | 27,645 | 20 | 14 | 5 | 5 | – | 1 | – | – | 1 | – | – | – | – | – | – | – | – |
| ggerston *WH* - - N. & E. | 47,163 | 31 | 27 | 7 | 7 | – | 3 | – | – | 1 | – | – | – | – | 2 | 3 | 12 | – |
| hnal Green North *H* - E. | 49,301 | 51 | 18 | 3 | 3 | – | 1 | – | – | 3 | – | – | – | – | 1 | 3 | – | – |
| hnal Green South - - E. | 34,194 | 40 | 15 | 6 | 1 | – | 3 | – | – | 4 | – | – | – | – | – | – | – | – |
| hnal Green East *WHl* - E. | 45,667 | 31 | 16 | 4 | 3 | – | – | – | – | – | – | – | – | – | – | 1 | 5 | – |
| talfields - - - E. & N. | 26,681 | 20 | 9 | – | 2 | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| e End New Town *W* - E. | 12,816 | 19 | 12 | 1 | 4 | – | 1 | – | – | – | – | 1 | – | – | – | 1 | 10 | – |
| itechapel Church *H* - E. & N. | 25,561 | 20 | 18 | 2 | 4 | – | 2 | – | 1 | – | – | – | – | – | 1 | 1 | 15 | – |
| odman's Fields - - - E. | 13,618 | 10 | 5 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| George's North - - - E. | 39,576 | 34 | 14 | 6 | 4 | – | – | – | – | – | – | – | – | – | 1 | 2 | – | – |
| John, St. George East *W* E. | 7,930 | 5 | 7 | – | 6 | – | – | – | – | 1 | – | – | – | – | – | – | 7 | – |
| adwell *H* - - - E. & N. | 10,434 | 11 | 7 | 4 | – | – | – | – | – | – | – | – | – | – | – | – | 5 | – |
| celiff *W* - - - - E. | 14,954 | 11 | 9 | 3 | – | – | – | – | – | – | – | – | – | – | 4 | 5 | – | – |
| nehouse - - - - E. | 32,917 | 18 | 10 | 1 | 1 | – | 1 | – | – | 1 | – | – | – | – | – | 1 | – | – |
| e End Old Town West *H* E. | 111,060 | 33 | 13 | 3 | 3 | – | – | – | – | 3 | – | – | – | – | – | – | – | – |
| e End Old Town East *WWww* - E. | | 49 | 22 | 4 | 6 | – | 1 | – | 1 | 3 | – | – | – | – | 2 | 5 | 6 | – |
| w *l* - - - - E. | 41,687 | 21 | 24 | 8 | 4 | – | 2 | – | – | 2 | – | – | – | – | – | 2 | – | – |
| omley *wwwH* - - - E. | 69,821 | 51 | 44 | 9 | 12 | – | 1 | – | 3 | 4 | – | – | 1 | – | 2 | 4 | 16 | – |
| plar *WW* - - - - E. | 57,759 | 33 | 19 | 7 | 4 | – | 3 | – | – | 1 | – | – | – | – | 1 | 2 | – | – |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 5th February, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WH*L.&S. | 13,064 | 5 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| St. Saviour Southwark - - S. | 12,301 | 7 | 7 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Kent-road - - - - S. & L. | 22,879 | 21 | 10 | 5 | – | – | 2 | – | – | – | – | 1 | – | – | 1 | 2 | – | – |
| Borough-road *WH* - S. & L. | 16,083 | 14 | 7 | 2 | 1 | – | – | – | – | – | – | – | – | – | 2 | 3 | 2 | – |
| London-road *HL* - - L. & S. | 21,316 | 19 | 6 | – | 4 | – | – | – | – | – | – | – | – | – | – | 1 | 1 | – |
| Trinity Newington - - S. & L. | 28,723 | 16 | 13 | 5 | 4 | – | – | – | – | – | – | – | – | 1 | 1 | 2 | – | – |
| St. Peter Walworth *W* - S. & L. | 62,045 | 51 | 23 | 7 | 6 | – | – | – | – | – | – | – | – | – | – | – | 2 | – |
| St. Mary Newington- - L. & S. | 30,171 | 21 | 7 | 2 | – | – | 2 | – | – | – | – | – | – | – | – | – | – | – |
| St. Olave *WH*- - - - S. | 11,731 | 9 | 23 | 2 | 6 | – | – | – | 1 | – | – | – | – | – | 4 | 4 | 18 | – |
| Leather Market *W* - S. & L. | 32,339 | 30 | 10 | 5 | 1 | – | 2 | – | – | – | – | – | – | – | – | – | 1 | – |
| St. James Bermondsey - - S. | 53,136 | 29 | 19 | 5 | 4 | – | – | – | – | 2 | – | – | – | 1 | – | – | – | 1 |
| Rotherhithe *WwH* - S. & K. | 40,379 | 27 | 19 | 3 | 6 | – | – | – | – | – | – | – | – | – | 1 | 3 | 4 | – |
| Waterloo-road *HH* - L. & S. | 28,396 | 24 | 16 | 6 | 3 | – | 1 | – | – | – | – | – | – | – | 1 | 1 | 2 | – |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 14 | 13 | 3 | 1 | – | – | – | – | – | – | – | – | – | 1 | 2 | 12 | – |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 36 | 23 | 5 | 10 | – | – | – | – | – | – | – | – | – | – | – | 13 | – |
| Kennington 1st *H* - - S. & L. | 52,486 | 45 | 16 | 4 | 5 | – | 4 | – | – | – | – | – | – | – | – | 2 | – | – |
| Kennington 2nd - - S. & L. | 43,244 | 26 | 13 | 1 | 7 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| Brixton *w* - - - L. & S. | 81,825 | 46 | 31 | 4 | 12 | – | – | 1 | 4 | – | – | – | – | 1 | 2 | 5 | 5 | – |
| Norwood *WH*- - - - L. | 29,318 | 20 | 12 | 1 | 5 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| East Battersea - - - - S. | 71,730 | 58 | 26 | 10 | 4 | – | 2 | – | – | 1 | – | – | – | – | 1 | 4 | – | – |
| West Battersea *WwH* - - S. | 93,385 | 46 | 39 | 6 | 12 | – | – | – | – | – | – | 1 | – | – | 4 | 5 | 11 | – |
| Clapham *H* - - - - S. | 46,953 | 22 | 13 | 2 | 4 | – | 1 | – | 1 | – | – | – | – | – | – | – | 1 | – |
| Wandsworth *WHHL* - - S. | 58,101 | 32 | 23 | 7 | 4 | – | 1 | – | – | – | – | – | – | 1 | 1 | 2 | – | – |
| Putney - - - - - S. | 20,566 | 16 | 7 | – | 3 | – | – | – | 1 | – | – | – | – | – | – | – | – | – |
| Streatham *Wwww*- - - L. | 61,644 | 27 | 29 | 3 | 19 | – | – | 1 | 2 | 1 | – | – | – | 1 | – | 1 | 15 | – |
| Dulwich - - - - L. & S. | 7,519 | 1 | 3 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Camberwell *Wwll* - S. & L. | 90,286 | 41 | 50 | 11 | 16 | – | 4 | – | – | 1 | – | – | – | 1 | 2 | 2 | 20 | 1 |
| Peckham *WW* - S., L., & K. | 88,242 | 55 | 44 | 14 | 11 | – | 3 | – | 1 | 3 | – | – | – | – | – | – | – | 1 |
| St. George Camberwell - L. & S. | 67,029 | 41 | 16 | 3 | 3 | – | 1 | – | – | 1 | – | – | – | – | 1 | 2 | – | – |
| Deptford North - - - K. | 36,152 | 26 | 10 | 6 | 2 | – | – | – | – | 1 | – | – | – | – | – | 2 | – | – |
| Deptford Central *w* - - K. | 45,441 | 32 | 18 | 4 | 2 | – | – | – | 4 | 2 | – | – | – | – | – | 1 | 5 | 1 |
| Deptford South - - - K. | 33,402 | 9 | 7 | 3 | 2 | – | – | – | – | – | – | 1 | – | – | – | – | – | – |
| Greenwich West *H* - - K. | 23,012 | 7 | 10 | 2 | 5 | – | – | – | – | – | – | 1 | – | – | 1 | 1 | 2 | – |
| Greenwich East *WH* - - K. | 37,767 | 27 | 27 | 4 | 13 | – | – | – | – | – | – | – | – | – | – | 2 | 16 | – |
| Eltham *wH* - - - - K. | 5,911 | 7 | 3 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Lee *H* - - - - - K. | 24,222 | 8 | 4 | – | 2 | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| Lewisham *WwH* - - - K. | 38,139 | 31 | 24 | 8 | 10 | – | – | 1 | – | – | – | – | – | 3 | 1 | 1 | 11 | – |
| Sydenham *H* - - - - L. | 37,601 | 20 | 12 | 1 | 6 | – | – | – | – | – | – | – | – | – | 2 | 3 | – | – |
| Charlton *wHH* - - K. | 15,928 | 9 | 11 | 1 | 1 | – | – | 1 | 4 | – | – | – | – | – | – | – | 6 | – |
| Woolwich Dockyard - - K. | 19,355 | 17 | 4 | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 13 | 9 | 3 | – | – | 1 | – | – | – | – | – | – | – | – | 2 | – | 2 |
| Plumstead West *H* - - K. | 16,714 | 6 | 6 | 1 | 4 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Plumstead East *WH* - - K. | 42,538 | 24 | 16 | 4 | 4 | – | 1 | – | 1 | 1 | – | – | – | – | – | – | 2 | 1 |
| Banstead Asylum - - - - | — | – | 3 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 3 | – |
| Caterham Asylum - - - - | — | – | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – | 3 | – |
| Cane Hill Asylum - - - - | — | – | 5 | – | 4 | – | – | – | – | – | – | – | – | – | – | – | 5 | – |
| Hospital Ships and Camp, Dartford | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Darenth Asylum - - - - | — | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Hanwell Asylum - - - - | — | – | 4 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 4 | – |
| Colney Hatch Asylum - - - | — | – | 6 | – | 3 | – | – | – | – | – | – | – | – | – | – | – | 6 | – |
| N.E. Hospital - - - - - | — | – | 4 | 2 | – | – | – | 4 | – | – | – | – | – | – | – | – | 4 | – |
| Winchmore Hill Hospital - - | — | – | 1 | – | – | – | – | 1 | – | – | – | – | – | – | – | – | 1 | – |
| Leavesden Asylum - - - - | — | – | 3 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 3 | – |
| Claybury Asylum - - - - | — | – | 8 | – | 4 | – | – | – | – | – | – | – | – | – | – | – | 8 | – |

LE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 5th February, 1898.

| gis-tion trict nd h-rict m-ts. | REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years & upwds. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LONDON—OUTER RING - | 363,749 | 1,422,063 | 981 | 500 | 112 | 172 | - | 8 | 3 | 15 | 17 | 2 | 7 | 11 | 31 | 59 | 13 |
| :1 | Carshalton *wHH* - - | 12,228 | 26,108 | 13 | 5 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Epsom, *part of** *WwHH* - | 10,423 | 12,508 | 4 | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| :1 | Godstone, *part of** *W* - | 2,754 | 1,598 | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| :1 | Croydon *WwHHH* - - | 20,851 | 128,699 | 71 | 53 | 10 | 25 | - | - | - | - | 2 | - | - | 2 | 7 | 9 | - |
| 2 | Mitcham *w* - - - | 11,697 | 23,088 | 10 | 5 | 2 | 1 | - | 1 | - | - | - | - | - | - | - | - | - |
| :1 | Wimbledon *HHH* - - | 3,220 | 25,761 | 20 | 9 | 4 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Kingston *W* - - - | } 8,071 | { 33,566 | 35 | 14 | 2 | 6 | - | - | - | - | - | - | - | - | - | 5 | - |
| 3 | Surbiton *H*- - - - | | { 11,199 | 5 | 5 | 1 | 3 | - | - | - | - | - | - | - | - | - | - | - |
| 4 | Esher, *part of** *HH* - - | 6,601 | 12,059 | 10 | 7 | - | 4 | - | - | - | 1 | - | - | - | - | - | - | - |
| 5 | Hampton *HL* - - - | 4,565 | 18,252 | 9 | 6 | 3 | 1 | - | - | - | - | - | - | 1 | - | - | - | - |
| :1 | Richmond *WH*- - - | 2,160 | 25,389 | 9 | 13 | 3 | 5 | - | - | 1 | - | - | - | - | 2 | 3 | 3 | - |
| 2 | Mortlake *H* - - - | 2,823 | 16,159 | 4 | 6 | 2 | 3 | - | - | - | - | 1 | - | - | 1 | 1 | - | - |
| :1 | Bromley *HHH* - - - | 9,127 | 23,815 | 13 | 9 | 2 | 2 | - | - | - | - | 2 | - | - | - | - | - | 1 |
| 2 | Beckenham *H* - - - | 6,542 | 21,969 | 7 | 6 | 1 | 2 | - | - | - | - | - | - | - | - | - | 1 | - |
| 3 | Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 11 | 9 | 1 | 1 | - | - | - | - | - | - | - | 1 | 1 | 4 | 1 |
| :1 | Bexley *HHH* - - - | 12,540 | 30,590 | 30 | 13 | 3 | 5 | - | - | 1 | - | - | - | - | - | - | - | - |
| 2 | Dartford *WH*, part of* - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| :1 | Sunbury *w* - - - | 11,054 | 13,671 | 8 | 5 | 3 | 1 | - | - | - | - | 1 | - | - | - | - | - | - |
| 2 | Staines *WH* - - - | 13,277 | 13,221 | 11 | 2 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| :1 | Hillingdon *WHH* - - | 6,035 | 12,237 | 8 | 4 | - | 4 | - | - | - | - | - | - | - | - | - | 3 | - |
| 2 | Uxbridge - - - - | 12,757 | 7,253 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Hayes *wH*- - - - | 7,952 | 11,051 | 9 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| :1 | Isleworth *WHH* - - | 6,967 | 26,004 | 13 | 8 | 4 | 2 | - | - | - | - | - | - | - | - | - | 1 | 1 |
| 2 | Twickenham *HH* - - | 2,415 | 16,027 | 13 | 6 | 1 | 1 | - | - | - | - | 1 | - | - | - | - | 1 | 1 |
| 3 | Brentford *HHHH* - - | 4,318 | 37,777 | 13 | 12 | 2 | 7 | - | - | - | - | 1 | - | 1 | - | - | - | - |
| 4 | Chiswick - - - - | 1,245 | 21,963 | 10 | 9 | 2 | 4 | - | - | - | - | - | - | - | - | - | - | - |
| 5 | Acton *wH* - - - - | 6,132 | 30,945 | 19 | 12 | 2 | 6 | - | - | - | - | - | - | 1 | - | - | - | - |
| :1 | Harrow *HHH* - - - | 13,809 | 15,715 | 7 | 3 | - | 3 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Edgware *HH* - - - | 6,994 | 3,844 | 1 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Willesden *HHH* - - | 4,383 | 61,265 | 61 | 25 | 6 | 8 | - | 2 | - | 2 | 1 | - | 1 | 1 | - | 2 | 5 |
| 4 | Hendon *WH* - - - | 8,382 | 15,843 | 8 | 9 | 2 | 3 | - | - | - | - | - | - | - | - | 1 | 6 | - |
| :1 | South Mimms *HH* - - | 15,599 | 8,474 | 4 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Barnet *WHH* - - - | 5,478 | 12,045 | 2 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Finchley *HHH*- - - | 4,688 | 25,820 | 15 | 5 | 1 | 2 | - | - | - | - | - | - | - | 1 | 1 | - | - |
| :1 | Hornsey *HH* - - - | 3,039 | 61,097 | 28 | 19 | 6 | 3 | - | 1 | - | 1 | 1 | - | - | - | 1 | - | - |
| 2 | Tottenham *HH*- - - | 4,642 | 97,174 | 74 | 31 | 6 | 12 | - | - | - | - | 2 | - | - | - | 2 | 2 | - |
| 3 | Edmonton *Www* - - | 7,489 | 36,351 | 28 | 19 | 2 | 7 | - | - | 1 | - | - | - | 2 | - | 1 | 7 | - |
| 4 | Enfield *WWHH* - - | 12,602 | 31,536 | 29 | 12 | 1 | 2 | - | 1 | - | 2 | 1 | - | - | 1 | 2 | - | - |
| 5 | Waltham Abbey - - - | 11,017 | 6,066 | 5 | 4 | 2 | 1 | - | 1 | - | - | - | - | - | - | 2 | - | - |
| 6 | Cheshunt *H* - - - | 8,480 | 9,620 | 4 | 4 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | 1 |
| :1 | Hatfield, *part of** *W* - | 3,306 | 582 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| :1 | Bushey *H* - - - - | 9,331 | 7,737 | 2 | 2 | - | 1 | - | - | - | - | - | - | - | 1 | 1 | - | - |
| 2 | Watford *WH*, part of* - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| :1 | Stratford *H* - - - | 1,100 | 42,983 | 34 | 16 | 7 | 2 | - | - | - | 1 | 1 | - | - | - | 1 | - | - |
| 2 | Plaistow *WHH*- - - | 1,242 | 53,030 | 45 | 24 | 4 | 6 | - | - | - | 3 | - | - | - | - | 1 | 2 | 1 |
| 3 | Canning Town *H* - - | 1,558 | 54,750 | 45 | 18 | 4 | 3 | - | - | - | 2 | - | - | 1 | - | 1 | 2 | - |
| 4 | Forest Gate *w* - - - | 806 | 49,140 | 30 | 11 | 3 | 5 | - | - | - | - | 2 | - | - | - | - | - | 1 |
| 5 | East Ham *wH*- - - | 3,266 | 32,713 | 65 | 16 | 5 | 4 | - | 1 | - | 1 | 1 | - | - | - | - | - | - |
| 6 | Leyton *WWWwH* - - | 4,334 | 70,188 | 43 | 32 | 8 | 8 | - | - | - | 1 | - | 2 | - | - | 4 | 8 | 1 |
| 7 | Walthamstow *HHL*- - | 6,501 | 57,530 | 58 | 17 | 3 | 6 | - | 1 | - | 1 | - | - | - | - | - | - | - |
| :1 | Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 7 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Epping *WH*, part of*- - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| :1 | Romford, *part of** *WH* - | 6,556 | 4,324 | 3 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | - |
| 2 | Ilford - - - - - | 8,493 | 10,913 | 13 | 2 | - | 1 | - | - | - | - | - | - | - | 1 | 1 | - | - |
| 3 | Barking Town, *H* - - | 3,814 | 14,301 | 11 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| | Middlesex Co. Asylum - | — | — | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring e as follows:—30 : 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37 : 1, the parishes of Warlingham d Farley in Godstone sub-district; 39 : 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41 : 3, Chislehurst b-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135 : 1, the parish of Northaw in tfield sub-district; 187 : 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping pp. 1,079); 189 : 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for ectious Diseases belonging to the Outer Ring in 42 : 2, Dartford; 137 : 2, Watford; and 187 : 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 5th February, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | ANNUAL RATE of MORTALITY per 1000 living. | | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Deaths of | | Deaths from | | | | | | | | | |
| | | | From All Causes. | From Diseases in Cols. 8-14. | | Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Deaths in Public Institutions. |
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. | 16. |
| GREATER LONDON | **443,421** | **6,408,321** | **19·2** | **2·2** | **2361** | **497** | **719** | **–** | **88** | **15** | **57** | **81** | **11** | **24** | **89** | **597** |
| INNER LONDON - | 74,672 | 4,504,766 | 21·5 | 2·6 | 1861 | 385 | 547 | – | 80 | 12 | 42 | 64 | 9 | 17 | 78 | 538 |
| OUTER RING - | 368,749 | 1,903,555 | 13·7 | 1·4 | 500 | 112 | 172 | – | 8 | 3 | 15 | 17 | 2 | 7 | 11 | 59 |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent to the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN, and in certain FOREIGN CITIES.

| CITIES | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of Stillborn | DEATHS. Exclusive of Stillborn | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM PRINCIPAL ZYMOTIC DISEASES. | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœal Diseases. |
| EDINBURGH - | 295,628 | February 5 | 141 | 102 | 18·0 | – | – | 2 | 2 | 2 | 1 | 2 |
| GLASGOW - - | 724,349 | „ 5 | 431 | 260 | 18·7 | – | 7 | 4 | 5 | 15 | 2 | 8 |
| DUBLIN - - | 349,594 | „ 5 | 212 | 220 | 32·8 | – | – | 2 | – | 3 | 7 | 2 |
| CALCUTTA - - | 466,460 | January 1 | – | 263 | 29·4 | – | – | – | – | – | 78 | 52† |
| BOMBAY - - | 821,764 | „ 11 | 299 | 1283 | 81·2 | – | 5 | ? | ? | ? | 511‡ | 81† |
| MADRAS - - | 452,518 | December 31 | 334 | 306 | 35·1 | 2 | 8 | ? | ? | ? | 93 | 28† |
| PARIS - - - | 2,511,629 | January 29 | 1178 | 1058 | 21·9 | – | 6 | 1 | 3* | 2 | 8 | 27 |
| BRUSSELS - - | 531,011 | „ 29 | 264 | 192 | 21·1 | – | – | – | 2* | 1 | 2 | 9 |
| AMSTERDAM - | 500,091 | 22 | 312 | 128 | 13·3 | – | – | 1 | – | 1 | 1 | 1 |
| ROTTERDAM - | 290,004 | 22 | 211 | 111 | 19·9 | – | – | – | 2 | 6 | 1 | – |
| THE HAGUE - | 191,529 | 22 | 120 | 60 | 16·2 | – | – | – | 2 | – | – | – |
| COPENHAGEN - | 340,500 | „ 22 | 217 | 119 | 18·2 | – | – | 2 | 5 | 3 | – | 3 |
| STOCKHOLM - | 274,611 | „ 22 | – | – | – | – | – | – | – | – | – | – |
| CHRISTIANIA - | 192,141 | „ 29 | 110 | 40 | 10·8 | – | – | – | – | – | – | 1 |
| ST. PETERSBURG | 954,400 | „ 29 | 531 | 593 | 32·4 | 4 | 10 | 13 | 45 | 2 | 29 | 59 |
| MOSCOW - - | 753,469 | „ 22 | – | 498 | 34·5 | 1 | 17 | 22 | 8 | – | 8 | 20 |
| BERLIN - - | 1,726,098 | „ 15 | 971 | 541 | 16·1 | – | 7 | 6 | 9 | 14 | 3 | 24 |
| HAMBURG - - | 661,015 | „ 29 | – | 201 | 15·8 | – | – | 1 | 4* | 1 | – | 1 |
| DRESDEN - - | 347,485 | January 1 | 212 | 150 | 20·8 | – | 2 | – | 3* | – | 1 | 3 |
| BRESLAU - - | 385,198 | „ 29 | – | 154 | 20·9 | – | 1 | – | – | 1 | – | 9 |
| MUNICH - - | 430,000 | „ 29 | – | 193 | 23·3 | – | 2 | 1 | 4* | 2 | – | 27 |
| VIENNA - - | 1,574,129 | „ 29 | 845 | 616 | 20·3 | – | 13 | 5 | 14* | 3 | – | 34 |
| PRAGUE - - | 377,109 | „ 29 | 232 | 168 | 23·2 | – | 3 | 3 | 1 | – | 4 | 7 |
| BUDA-PESTH - | 629,486 | „ 22 | 406 | 231 | 18·5 | – | 2 | 3 | 2 | 1 | 5 | 14 |
| TRIESTE - - | 163,979 | „ 29 | 123 | 100 | 31·6 | – | – | 2 | 3* | – | 1 | 3 |
| ROME - - - | 483,560 | December 25 | 259 | 179 | 19·3 | – | 2 | – | 2 | – | 2 | 11 |
| TURIN (11 days) | 344,203 | „ 31 | 231 | 214 | 20·9 | – | – | – | 3 | – | 6 | 8 |
| VENICE - - | 166,069 | January 22 | – | – | – | – | – | – | – | – | – | – |
| CAIRO - - | 374,838 | December 2 | 477 | 318 | 44·2 | 1 | – | – | 3* | 1 | 2 | 67 |
| ALEXANDRIA - | 231,396 | 2 | 274 | 162 | 36·5 | – | – | – | – | – | 3 | 42 |
| NEW YORK (including BROOKLYN) | 3,965,930 | January 15 | – | 1096 | – | – | 18 | 19 | 29 | 4 | 6 | 14 |
| PHILADELPHIA - | 1,214,256 | „ 22 | – | – | – | – | – | – | – | – | – | – |

* Including deaths from croup.
† Including 4 deaths from cholera in Calcutta, 4 in Bombay, and 3 in Madras.
‡ Including 450 deaths from bubonic fever.

[Under the Superintendence of the Astronomer Royal.]

| 1898. Month and Day. | | Phases of the Moon. | Barometer. Mean daily reading (corrected and reduced to 32° Fahrenheit). | Temperature. Of the Air. Highest. | Temperature. Of the Air. Lowest. | Temperature. Of the Air. Daily Range. | Temperature. Of the Air. Mean daily value. | Temperature. Of the Air. Departure from Average of 50 years. | Temperature. Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Difference. Greatest. | Difference. Least. | Degree of Humidity (Saturation equals 100). | Temperature. Of Radiation. Highest in Sun's Rays. | Temperature. Of Radiation. Lowest on the Grass. | Temperature. Of the Earth 3 feet below the Surface. | Wind as deduced from Anemometers. Osler's. General Direction. A.M. | Wind. Osler's. General Direction. P.M. | Wind. Osler's. Pressure on the Square Foot. Greatest. | Wind. Osler's. Pressure. Least. | Wind. Osler's. Pressure. Mean of 24 hourly obs. | Wind. Robinson's. Horizontal Movement of the Air on each Day. | Wind. Robinson's. Departure from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| JANUARY. | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUNDAY - | 30 | .. | 30·101 | 54·5 | 46·8 | 7·7 | 51·6 | +11·8 | 48·4 | 3·2 | 5·5 | 2·8 | 89 | 57·0 | 44·0 | 45·21 | SW. & WSW. | SW. & WSW. | 13·4 | 0·0 | 2·0 | 726 | +389 | 0·02 | 0·8 |
| MONDAY - | 31 | .. | 30·265 | 54·4 | 44·3 | 10·1 | 48·1 | + 8·3 | 38·6 | 9·5 | 12·4 | 6·4 | 70 | 63·8 | 38·0 | 45·35 | WSW. & NW. | W. & SW. | 17·5 | 0·0 | 1·3 | 523 | +185 | 0·00 | 0·0 |
| FEB. TUESDAY - | 1 | Apogee | 29·986 | 55·8 | 46·1 | 9·7 | 52·1 | +12·4 | 49·5 | 2·6 | 4·8 | 0·6 | 91 | 62·0 | 42·1 | 45·70 | SW., WSW. & W. | WSW. & SW. | 5·9 | 0·0 | 1·0 | 541 | +202 | 0·06 | 0·2 |
| WEDNESDAY | 2 | Greatest Dec. N. | 29·612 | 51·4 | 39·2 | 12·2 | 43·6 | + 3·9 | 32·2 | 11·4 | 15·3 | 8·5 | 64 | 75·0 | 36·5 | 45·95 | WSW. & W. | WSW., W. & WNW. | 18·5 | 0·0 | 2·3 | 830 | +490 | 0·00 | 0·8 |
| THURSDAY - | 3 | .. | 29·693 | 46·3 | 36·7 | 9·6 | 41·7 | + 2·0 | 35·4 | 6·3 | 8·8 | 4·6 | 78 | 50·1 | 31·9 | 46·15 | WNW. & WSW. | WSW. & NW. | 7·9 | 0·0 | 1·2 | 604 | +263 | 0·12 | 0·0 |
| FRIDAY - | 4 | .. | 29·214 | 44·1 | 32·4 | 11·7 | 35·8 | − 4·0 | 32·3 | 3·5 | 7·5 | 1·5 | 87 | 46·3 | 28·0 | 45·85 | NW. WNW. & N. | N. | 4·1 | 0·0 | 0·6 | 286 | − 55 | 0·08 | 0·0 |
| SATURDAY - | 5 | .. | 29·760 | 39·2 | 31·4 | 7·8 | 35·0 | − 4·8 | 27·5 | 7·5 | 10·1 | 5·9 | 74 | 61·1 | 26·9 | 45·53 | N. & NNW. | N., NNW. & WSW. | 5·5 | 0·0 | 0·6 | 347 | + 7 | 0·00 | 0·0 |
| MEANS - - | | | 29·804 | 49·4 | 39·6 | 9·8 | 44·0 | + 4·2 | 37·7 | 6·3 | 9·2 | 4·3 | 79 | 59.3 | 35·3 | 45·68 | WSW. & NW. | | .. | .. | .. | Sum 3857 | Sum +1481 | Sum 0·28 | 0·3 |
| No. of Column - | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| DATE. | | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | GENERAL REMARKS. |
|---|---|---|---|---|---|
| JANUARY. | | | | | |
| SUNDAY - | 30 | w. P. throughout - | 0·0 | 9·0 | Overcast; brisk wind. Slight rain in forenoon. A very mild day |
| MONDAY - | 31 | w. P. till 8h. A.M.; m. P. afterwards. | 2·6 | 9·0 | Cloudy with strong wind in morning; fine with small amounts of cloud till evening; cloudy afterwards. Slight shower at 9h. 30m. P.M. Very mild. |
| FEB. TUESDAY - | 1 | w. P. generally - | 0·1 | 9·1 | Overcast; occasional showers. Brisk wind. Very mild. |
| WEDNESDAY | 2 | w. P. till 8h. A.M.; m. P. generally afterwards. | 5·4 | 9·2 | Fine; partially cloudy. Strong gusty wind. Lunar halo at 8h. P.M. |
| THURSDAY - | 3 | m. P. till noon; v. P. and v. N. afterwards. | 0·0 | 9·2 | Cloudy; occasional showers. Brisk wind. |
| FRIDAY - | 4 | m. P. till 7h. A.M; v. P. & v. N. till noon; s. P. afterwards. | 0·0 | 9·3 | Cloudy till 4h. P.M. with frequent sleet and snow in forenoon; very fine afterwards. |
| SATURDAY - | 5 | s. P. generally - | 2·1 | 9·3 | Very fine till noon; cloudy afterwards. Hoar frost in morning; slight fog in evening. A cold day. |
| | | | Sum 10·2 | Sum 64·1 | |
| No. of Col. - | - | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased from 30·33 in. at the beginning of the week to 29·89 in. by 3h. A.M. on January 31st; increased to 30·34 in. by 4h. P.M. on the same day; decreased to 29·56 in. by 4h. P.M. on February 2nd; increased to 29·88 in. by 9h. A.M. on February 3rd; decreased to 29·15 in. by 1h. P.M. on February 4th; and increased to 29·83 in. by the end of the week.

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1898.

OFFICIAL COPY.

# WEEKLY RETURN

OF

# BIRTHS AND DEATHS IN LONDON

AND IN

# THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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No. 6. 1898. VOL. LIX.] WEEK ENDING SATURDAY, FEB. 12. [Price 1½*d*.

*General Register Office, Somerset House,*
*February* 14*th*, 1898.

## THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 20·7 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS. | Weeks ending | | | | TOWNS. | Weeks ending | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Jan. 22. | Jan. 29. | Feb. 5. | Feb. 12. | | Jan. 22. | Jan. 29. | Feb. 5. | Feb. 12. |
| 33 Great Towns | 20·6 | 18·7 | 19·2 | 20·7 | Leicester - - | 16·2 | 15·2 | 16·2 | 18·0 |
| Birkenhead - | 10·6 | 14·7 | 18·0 | 18·4 | Liverpool - - | 22·8 | 18·8 | 20·2 | 21·1 |
| Birmingham - | 21·1 | 22·4 | 21·4 | 22·5 | London - - - | 23·4 | 20·4 | 21·5 | 22·2 |
| Blackburn - | 19·2 | 20·0 | 15·7 | 16·0 | Manchester - - | 20·6 | 18·0 | 17·3 | 22·3 |
| Bolton - - | 19·2 | 16·2 | 11·1 | 17·5 | Newcastle-on-Tyne | 15·9 | 17·3 | 15·9 | 21·3 |
| Bradford - | 20·5 | 17·4 | 14·1 | 14·9 | Norwich - - | 19·1 | 22·9 | 15·9 | 23·3 |
| Brighton - | 18·3 | 22·6 | 17·1 | 24·3 | Nottingham - - | 19·0 | 17·2 | 17·4 | 15·7 |
| Bristol - | 16·0 | 17·1 | 19·3 | 24·0 | Oldham - - | 15·5 | 13·0 | 20·4 | 17·9 |
| Burnley - | 19·0 | 14·8 | 18·1 | 15·7 | Plymouth - - | 18·9 | 18·9 | 23·7 | 26·3 |
| Cardiff - - | 13·5 | 13·8 | 18·2 | 14·1 | Portsmouth - - | 16·2 | 19·3 | 21·5 | 19·8 |
| Croydon - | 15·1 | 11·3 | 18·0 | 11·3 | Preston - - | 22·0 | 12·5 | 16·1 | 17·0 |
| Derby - - | 17·4 | 14·4 | 13·4 | 16·4 | Salford - - - | 19·3 | 20·5 | 17·6 | 21·3 |
| Gateshead - | 19·1 | 12·6 | 15·6 | 22·6 | Sheffield - - | 19·7 | 20·0 | 17·4 | 19·7 |
| Halifax - | 20·5 | 22·1 | 16·2 | 22·1 | Sunderland - - | 20·3 | 15·6 | 15·2 | 22·1 |
| Huddersfield- | 15·8 | 12·2 | 15·3 | 17·8 | Swansea - - | 14·8 | 15·8 | 15·8 | 26·1 |
| Hull - - | 18·1 | 14·1 | 17·5 | 18·4 | West Ham - - | 15·3 | 15·8 | 13·6 | 16·7 |
| Leeds - - | 20·2 | 16·1 | 18·4 | 17·3 | Wolverhampton - | 21·9 | 29·6 | 16·0 | 14·8 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·0 in London, 1·1 in Oldham, 1·5 in Leicester and in Derby, 1·6 in Halifax, 1·8 in Birkenhead, 2·2 in Sunderland, 2·6 in Brighton, 3·0 in Bristol, and 3·1 in Swansea; from *scarlet fever*, 1·0 in Leicester and 1·4 in Birkenhead; from *whooping-cough*, 1·0 in Derby, 1·2 in Sheffield, 1·6 in Plymouth, and 1·7 in Brighton; from "*fever*," 1·0 in Burnley; and from *diarrhœa*, 1·0 in Derby. The 77 deaths from *diphtheria* included 45 in London, 4 in West Ham, 4 in Birmingham, 3 in Manchester, and 3 in Leeds. No death from *small-pox* was registered in any of the thirty-three towns.

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

## London.

In London* 2843 births and 1922 deaths were registered. Allowing for increase of population, the births were 69 below, and the deaths 137 above, the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 23·4, 20·4, and 21·5 in the preceding three weeks, further rose last week to 22·2. During the four weeks ending on Saturday last the death-rate averaged 21·9 per 1000, being 1·0 per 1000 below the mean rate in the corresponding periods of the ten years 1888–97.

The 1922 deaths included 87 from measles, 19 from scarlet fever, 45 from diphtheria, 67 from whooping-cough, 6 from enteric fever, 12 from diarrhœa and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 236 deaths were referred to these diseases, being 51 above the corrected average weekly number.

The deaths from *measles*, which had been 130, 79, and 80 in the preceding three weeks, rose last week to 87, and were 56 above the corrected average; 13 cases belonged to Islington, 8 to Poplar, 5 to Hammersmith, 5 to Camberwell, 5 to Woolwich, 4 to Fulham, 4 to Hackney, 4 to Mile End Old Town, and 4 to Bermondsey sanitary areas. The deaths from *scarlet fever*, which had been 17, 17, and 12 in the preceding three weeks, rose again last week to 19, which is also the corrected average; 3 cases belonged to St. Pancras, and 3 to Wandsworth sanitary areas. The deaths from *diphtheria*, which had been 33, 36, and 42 in the preceding three weeks, further rose last week to 45, exceeding the corrected average by 4; 6 cases belonged to Hackney, 5 to Wandsworth, 4 to Fulham, and 3 to Camberwell sanitary areas. The deaths from *whooping-cough*, which had been 69, 84, and 64 in the preceding three weeks, rose again last week to 67, but were 5 below the corrected average; 10 cases belonged to Bethnal Green, 7 to Poplar, 6 to Lambeth, 5 to Mile End Old Town, 5 to Battersea, 5 to Camberwell, 4 to Clerkenwell, and 4 to Shoreditch sanitary areas. The fatal cases of *enteric fever*, which had been 8, 9, and 8 in the preceding three weeks, further fell last week to 6, the corrected average being 7; 2 cases belonged to Poplar sanitary area. The deaths from *diarrhœa*, which had been 7, 10, and 17 in the preceding three weeks, fell again last week to 12, and were 3 below the corrected average. The deaths referred to diseases of the respiratory organs, which had been 567, 471, and 471 in the preceding three weeks, further fell last week to 468, but were 3 above the corrected average. The deaths attributed directly to *influenza* numbered 98, having been 73, 88, and 102 in the preceding three weeks.

Different forms of violence caused 61 deaths, concerning all but 1 of which inquests were held. Of these 61 deaths, 8 were cases of suicide, while the remaining 53 were attributed to accident or negligence. Six of these were referred to vehicles in the streets, 9 to burns and scalds, 1 to the effects of an anæsthetic administered for surgical purposes, and 17 (of infants under one year of age), to suffocation in bed.

### Cases of Infectious Sickness in Hospitals.†

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2871 cases of scarlet fever, 1042 of diphtheria, and 93 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 232 cases, against 248, 244, and 209; of diphtheria, 135 cases, against 125, 163, and 155; and of enteric fever, 15 cases, against 17, 15, and 9.

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* Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

† The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found, after sojourn in the Hospital to have been erroneous.

## Greater London.

In Greater London 3908 births and 2414 deaths were registered, corresponding to annual rates of 31·8 and 19·6 per 1000 of the estimated population. In the Outer Ring 10 deaths from measles, 22 from diphtheria, 8 from whooping-cough, 2 from "fever," and 6 from diarrhœa were registered. Six deaths from measles and 6 from diphtheria occurred in West Ham district; 8 deaths from diphtheria occurred in Willesden district.

## Meteorology.

The mean reading of the Barometer last week at Greenwich was 29·95 inches, and that of the Thermometer 43°·0, the latter being 4°·1 above the week's average in the 50 years 1841–90. The direction of the wind was south-westerly, the horizontal movement of the air being 4 per cent. above the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 7·0 hours; the measured rainfall amounted to 0·20 of an inch.

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## Returns of London Water Companies.

The London Water Companies have been good enough to furnish the following account of the number of services and the average daily amount of water supplied during the month of January 1898. The supply was in the ratio of 228 gallons to one service.

| Companies. | Number of Services. | | Daily Supply of Water in Gallons. | |
|---|---|---|---|---|
| | January, 1897. | January, 1898. | January, 1897. | January, 1898. |
| Total Supply | 838,869 | 853,772 | 191,277,328 | 195,003,649 |
| From Thames | 404,649 | 410,995 | 101,110,295 | 103,255,507 |
| From Lea and from other Sources | 434,220 | 442,777 | 90,167,033 | 91,748,142 |
| **Thames.** | | | | |
| Chelsea | 37,362 | 37,820 | 10,997,039 | 10,954,100 |
| West Middlesex | 80,697 | 81,843 | 19,123,165 | 19,915,704 |
| Southwark and Vauxhall | 119,991 | 121,184 | 32,295,662 | 31,766,695 |
| Grand Junction | 61,022 | 61,917 | 17,732,329 | 19,107,079 |
| Lambeth | 105,577 | 108,231 | 20,962,100 | 21,511,929 |
| **Lea and other Sources.** | | | | |
| New River | 161,306 | 163,346 | 33,027,000 | 33,733,359 |
| East London | 188,435 | 192,839 | 42,913,750 | 43,101,536 |
| Kent | 84,479 | 86,592 | 14,226,283 | 14,913,247 |

*Note.*—The Return for January 1898, as compared with that for the corresponding month of 1897, shows an increase of 14,903 services and an increase of 3,726,321 gallons of water supplied daily.

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## Analysis of Metropolitan Water Supply during January 1898.

*Water-analysis Laboratory, The Yews, Reigate,*
*8th February* 1898.

Sir,

I have to report to you the results of the chemical analysis, and of the physical and bacterioscopic examination, of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of January.

At the request of the Associated Metropolitan Water Companies I have extended these monthly examinations to (*a*) the bacterioscopic and chemical condition of the raw river waters at the intakes of the various Companies, and (*b*) to the bacteriology of the water as it issues from the filter beds of each Company, and before it is pumped into the distributing mains.

I append, also, the results obtained in the analyses of the waters supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Dr. Mills of Glasgow.

## *Analysis of Metropolitan Waters.*

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

| | Companies or Local Authorities. | Date and Place of Collection. | Temperature in Centigrade degrees. | Total Solid Matter. | Organic Carbon. | Organic Nitrogen. | Ammonia. | Nitrogen as Nitrates and Nitrites. | Total Combined Nitrogen. | Chlorine. | Total Hardness. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Inner Circle. | THAMES. (Unfiltered water) - | January 24th, Grand Junction Co.'s intake at Hampton. | ° 6·7 | 34·60 | ·221 | ·027 | ·010 | ·312 | ·347 | 1·9 | 24·8 |
| | Chelsea - - - | January 27th, Cab Rank, Horse Guards, Whitehall. | 6·5 | 33·46 | ·190 | ·027 | 0 | ·275 | ·302 | 1·9 | 22·1 |
| | West Middlesex - | January 27th, Cab Rank, Riding House-street. | 6·7 | 33·10 | ·187 | ·015 | 0 | ·269 | ·284 | 1·9 | 23·0 |
| | Southwark - - | January 27th, Cab Rank, St. George's Church, Borough. | 8·3 | 34·10 | ·138 | ·016 | 0 | ·291 | ·307 | 1·9 | 23·9 |
| | Grand Junction - | January 27th, Cab Rank, Portman-street, Oxford-street. | 7·5 | 33·68 | ·152 | ·016 | 0 | ·297 | ·313 | 1·8 | 23·3 |
| | Lambeth - - - | January 27th, Cab Rank, St. George's-road, Southwark. | 7·9 | 33·32 | ·133 | ·019 | 0 | ·299 | ·318 | 1·8 | 23·6 |
| | LEA. (Unfiltered water) - | January 25th, New River Cut, Green Lanes. | 6·5 | 35·92 | ·086 | ·019 | ·005 | ·329 | ·352 | 1·8 | 25·7 |
| | New River - - | January 27th, Cab Rank, Tottenham Court-road. | 7·2 | 33·12 | ·075 | ·007 | 0 | ·302 | ·309 | 1·7 | 23·6 |
| | (Unfiltered water) - | January 26th, East London Co.'s intake at Angel-road. | 6·3 | 41·24 | ·170 | ·025 | ·014 | ·340 | ·377 | 2·2 | 28·1 |
| | East London - - | January 27th, Cab rank, Sidney-street, E. | 6·5 | 40·32 | ·126 | ·016 | 0 | ·342 | ·358 | 2·3 | 27·2 |
| | DEEP WELL. Kent - - - - | January 27th, Police Station, Blackheath-road. | 11·7 | 39·66 | ·025 | ·004 | 0 | ·478 | ·482 | 2·4 | 28·0 |
| Outer Circle. | East London - - | January 28th, Waltham Abbey Well. | — | 27·32 | ·096 | ·007 | ·017 | ·013 | ·034 | 2·5 | 19·3 |
| | Corporation of Birmingham* - - - - | January 7th, 10, Court, Lower Essex street. | 6·7 | 27·2 | ·290 | ·060 | 0 | ·250 | ·310 | 1·6 | 19·5 |
| | Corporation of Glasgow† | January 15th, Loch Katrine water. | 6·4 | 3·08 | ·234 | ·024 | 0 | ·002 | ·026 | ·7 | 1·3 |
| | Column 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. |

* Analysed by Dr. Alfred Hill, F.I.C., Medical Officer of Health and Analyst to the City.
† Analysed by Dr. E. J. Mills, F.R.S., of the Glasgow and West of Scotland Technical College.

All the numbers contained in columns 4, 5, 6, 7, 8, 9, 10, and 11, relate to 100,000 parts of the waters. The table is to be read thus :—The Thames water collected on the 24th of January at the Grand Junction Company's intake at Hampton had a temperature of 6·7° C.; 100,000 lbs. of it contained 34·6 lbs. of solid matter in solution; the organic substances, constituting a portion of this matter, contained ·221 lb. of carbon and ·027 lb. of nitrogen. The above quantity of water also contained ·01 lb. of ammonia and ·312 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was ·347 lb. The above weight of water also contained 1·9 lbs. of chlorine, and 24·8 lbs. of carbonate of lime, or an equivalent amount of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

Taking the average amount of organic impurity in a given volume of Kent Company's water during the nine years ending December 1876, as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies, was :—Kent 0·5, New River 1·4, East London (deep well) 1·7, (river supply) 2·4, Southwark and Lambeth 2·6, Grand Junction 2·8, West Middlesex 3·4, and Chelsea 3·7. The unfiltered waters contained the following proportions :—Thames at Hampton 4·2, New River Cut 1·8, and Lea at Angel Road 3·3.

The Thames at Hampton was, on January 24th, turbid and pale yellow in colour ; it was of indifferent chemical, but moderately good bacterial quality. The water supplied by the five Companies drawing from this river was, in every case, efficiently filtered before delivery, and, in no instance transgressed the standard of 100 microbes per cubic centimetre. The bacterial improvement effected by these Companies is expressed by the following percentage numbers :—Chelsea 99·73, West Middlesex 99·57, Southwark 99·05, Grand Junction 97·74, and Lambeth 98·73.

The New River Cut before entering the storage and subsidence reservoirs of the New River Company, was, on January 25th, turbid and pale yellow in colour. It was of excellent chemical, and good bacterial, quality. After efficient filtration, it was delivered in most excellent chemical and bacterial condition; ranking, in these respects, with the deep well waters. The bacterial improvement in the general filter well was 97·65 per cent.

The water drawn from the Lea at Angel Road by the East London Company was, on the 26th of January, turbid and very pale yellow in colour. It was of good chemical and bacterial quality. After efficient filtration, it was delivered in excellent chemical and bacterial condition, the bacterial improvement being expressed by the following percentage numbers :—No. 1 Essex filter well 99·00, and No. 2 Essex well 99·64.

The deep well water of the Kent Company was clear and bright without filtration, but that of the East London Company was slightly turbid. Both waters were of excellent chemical quality, and the Kent Company's supply contained only three microbes per cubic centimetre capable of developing on a gelatine peptone plate.

Seen through a stratum two feet deep, the Kent water was clear and colourless, the East London (deep well) slightly turbid and nearly colourless, the New River clear and nearly colourless, and the remaining waters clear and very pale yellow.

The bacterioscopic examination of the river waters, before and after storage, and of the supplies delivered by the various Companies, and collected on the 24th, 25th, 26th, and 27th of January yielded, after due incubation, the results contained in the following table :—

| Description. | Microbes per c.c. | Temp. C. |
|---|---|---|
| **Raw and Stored River Waters.** | | ° |
| River Thames at Hampton, January 24th | 4,420 | 6·7 |
| " " after storage for 12 days (Chelsea Company), January 24th | 1,260 | 6·2 |
| West Middlesex Company's water; mixture from old and new storage, January 25th | 220 | 6·4 |
| Lambeth Company's water passing to filter 5, January 24th | 3,660 | 6·7 |
| New River Cut before passing through reservoirs, January 25th | 1,060 | 6·5 |
| " " " after " " " | 1,020 | 6·7 |
| River Lea at Angel Road, January 26th | 2,200 | 6·3 |
| " " after storage (East London Company), January 26th | 2,680 | 5·7 |
| **Filtered River Waters as supplied.** | | |
| **Thames.** | | |
| Chelsea Company's general filter well, January 24th | 12 | 6·2 |
| West Middlesex Company's general filter well, January 25th | 20 | 6·4 |
| Southwark Company's tap on filtered water main at Hampton works, January 24th | 42 | 6·5 |
| Grand Junction Company's general filter well at Hampton, January 24th | 100 | 6·4 |
| Lambeth Company's general filter well, January 24th | 56 | 6·8 |
| **Lea.** | | |
| New River Company's general filter well, January 25th | 24 | 6·4 |
| East London Company's No. 1 Essex filter well, January 26th | 22 | 6·5 |
| " " " No. 2 " " " " | 8 | 6·2 |
| **Deep-well.** | | |
| Kent Company's "New" well at Deptford, January 27th | 3 | 10·9 |

Dr. Hill, F.I.C., Medical Officer of Health for Birmingham, reports that the water supplied to that City was "clear and pale green in a two-foot tube."

Dr. Mills, F.R.S., of the Glasgow and West of Scotland Technical College, reports that the water supplied to that City from Loch Katrine was "light brown in colour, and contained a little suspended matter."

I am, &c.,

E. FRANKLAND.

The Registrar General, &c., &c.

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| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Registered during the Week ending 12th February 1898. Births. | Registered during the Week ending 12th February 1898. Deaths. | Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Annual Rate per 1000, corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6–12. | Temperature of the Air. Highest. Fahrenheit. | Lowest. Fahrenheit. | Mean. Fahrenheit. | Mean. Centigrade. | Rainfall. In Inches. | In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| **33 Towns** | **11,218,378** | **7036** | **4448** | **977** | **1207** | **–** | **171** | **43** | **77** | **123** | **34** | **49** | **131** | **314** | **971** | **62** | **20·7** | **2·3** | **54·6** | **28·5** | **41·9** | **5·50** | **0·22** | **0·56** | **33 Towns.** |
| London | 4,504,766 | 2843 | 1922 | 366 | 573 | – | 87 | 19 | 45 | 67 | 6 | 12 | 61 | 159 | 531 | 16 | 22·2 | 2·7 | 52·1 | 32·1 | 43·0 | 6·11 | 0·20 | 0·51 | London. |
| West Ham | 285,654 | 180 | 92 | 23 | 24 | – | 3 | – | 4 | 1 | 1 | – | – | 2 | 10 | 4 | 16·7 | 1·6 | – | – | – | – | – | – | West Ham. |
| Croydon | 124,421 | 74 | 27 | 2 | 12 | – | – | – | 2 | – | – | – | 2 | 4 | 6 | – | 11·3 | 0·8 | 53·0 | 28·5 | 41·5 | 5·28 | 0·26 | 0·66 | Croydon. |
| Brighton | 122,310 | 60 | 57 | 18 | 16 | – | 6 | – | 1 | 4 | 1 | 1 | – | 1 | 8 | 1 | 24·3 | 5·5 | 52·0 | 34·4 | 44·1 | 6·72 | 0·10 | 0·25 | Brighton. |
| Portsmouth | 186,618 | 91 | 71 | 15 | 26 | – | – | 1 | 1 | 2 | 1 | – | – | 2 | 9 | – | 19·8 | 1·4 | – | – | – | – | – | – | Portsmouth. |
| Plymouth | 99,136 | 67 | 50 | 14 | 19 | – | – | – | 1 | 3 | 1 | – | – | – | 12 | – | 26·3 | 2·6 | – | – | – | – | – | – | Plymouth. |
| Bristol | 316,900 | 190 | 146 | 32 | 45 | – | 18 | – | – | 2 | 1 | 2 | 1 | 11 | 22 | – | 24·0 | 3·8 | 54·0 | 32·0 | 43·4 | 6·33 | 0·16 | 0·41 | Bristol. |
| Cardiff | 177,770 | 111 | 48 | 17 | 6 | – | 1 | – | 2 | – | – | 1 | 2 | 7 | 2 | – | 14·1 | 1·2 | – | – | – | – | – | – | Cardiff. |
| Swansea | 102,001 | 59 | 51 | 15 | 10 | – | 6 | – | – | – | – | 1 | – | 1 | 6 | – | 26·1 | 3·6 | – | – | – | – | – | – | Swansea. |
| Wolverhampton | 83,051 | 75 | 25 | 10 | 6 | – | – | – | – | – | – | – | 2 | 4 | 4 | 1 | 14·8 | – | 49·8 | 30·1 | 38·9 | 3·83 | 0·25 | 0·63 | Wolverhampton. |
| Birmingham | 510,343 | 382 | 220 | 58 | 53 | – | 4 | 2 | 4 | 9 | 6 | 7 | 5 | 7 | 49 | 6 | 22·5 | 3·3 | – | – | – | – | – | – | Birmingham. |
| Norwich | 111,699 | 52 | 50 | 12 | 19 | – | – | – | – | 1 | – | – | 4 | 6 | 7 | 1 | 23·3 | 0·5 | – | – | – | – | – | – | Norwich. |
| Leicester | 208,662 | 116 | 72 | 20 | 18 | – | 6 | 4 | – | – | – | 1 | 3 | 9 | 11 | 1 | 18·0 | 2·7 | – | – | – | – | – | – | Leicester. |
| Nottingham | 236,137 | 131 | 71 | 18 | 23 | – | 1 | – | 1 | – | 3 | 1 | 2 | 3 | 12 | – | 15·7 | 1·3 | 51·8 | 31·5 | 40·3 | 4·61 | 0·22 | 0·56 | Nottingham. |
| Derby | 104,834 | 49 | 33 | 7 | 9 | – | 3 | 1 | – | 2 | – | 2 | – | 1 | 6 | – | 16·4 | 4·0 | – | – | – | – | – | – | Derby. |
| Birkenhead | 113,189 | 76 | 40 | 9 | 12 | – | 4 | 3 | 1 | – | – | – | 1 | 3 | 6 | 1 | 18·4 | 3·7 | – | – | – | – | – | – | Birkenhead. |
| Liverpool | 633,645 | 449 | 256 | 59 | 61 | – | 1 | 4 | 2 | 7 | 1 | 1 | 9 | 15 | 67 | 11 | 21·1 | 1·3 | 51·8 | 34·4 | 43·0 | 6·11 | 0·42 | 1·07 | Liverpool. |
| Bolton | 122,495 | 87 | 41 | 7 | 10 | – | – | – | – | 1 | – | 2 | – | 3 | 6 | – | 17·5 | 1·3 | – | – | – | – | – | – | Bolton. |
| Manchester | 539,079 | 348 | 231 | 56 | 59 | – | 4 | 1 | 3 | 4 | 3 | 6 | 7 | 18 | 55 | 1 | 22·3 | 2·0 | – | – | – | – | – | – | Manchester. |
| Salford | 215,702 | 153 | 88 | 24 | 14 | – | 1 | – | 1 | 3 | – | 3 | 1 | 5 | 14 | 1 | 21·3 | 1·9 | – | – | – | – | – | – | Salford. |
| Oldham | 148,288 | 65 | 51 | 11 | 11 | – | 3 | – | – | 1 | 1 | 1 | 1 | 3 | 12 | – | 17·9 | 2·1 | – | – | – | – | – | – | Oldham. |
| Burnley | 109,546 | 76 | 33 | 5 | 10 | – | – | – | – | – | 2 | – | 2 | 3 | 6 | – | 15·7 | 1·0 | – | – | – | – | – | – | Burnley. |
| Blackburn | 133,228 | 66 | 41 | 11 | 6 | – | – | – | – | – | 2 | 1 | 1 | 1 | 3 | 3 | 16·0 | 1·2 | – | – | – | – | – | – | Blackburn. |
| Preston | 116,356 | 72 | 38 | 7 | 14 | – | – | 1 | 1 | – | – | 2 | 1 | 1 | 3 | 3 | 17·0 | 1·8 | – | – | – | – | – | – | Preston. |
| Huddersfield | 102,454 | 51 | 35 | 9 | 5 | – | 1 | 1 | – | – | – | – | 1 | 2 | 2 | 1 | 17·8 | 1·0 | 48·8 | 33·8 | 41·2 | 5·11 | 0·25 | 0·63 | Huddersfield. |
| Halifax | 96,729 | 38 | 41 | 7 | 14 | – | 3 | – | – | – | – | – | 1 | 1 | 7 | 2 | 22·1 | 1·6 | – | – | – | – | – | – | Halifax. |
| Bradford | 233,737 | 101 | 67 | 19 | 16 | – | 1 | – | – | 3 | 1 | 1 | 2 | 5 | 6 | – | 14·9 | 1·3 | 54·6 | 34·6 | 42·7 | 5·94 | 0·24 | 0·61 | Bradford. |
| Leeds | 416,618 | 254 | 138 | 30 | 35 | – | 4 | 3 | 3 | 2 | – | 1 | 5 | 12 | 23 | – | 17·3 | 1·6 | – | – | – | – | – | – | Leeds. |
| Sheffield | 356,478 | 257 | 135 | 29 | 21 | – | 3 | 1 | 1 | 8 | 3 | 2 | 2 | 7 | 23 | 2 | 19·7 | 2·6 | – | – | – | – | – | – | Sheffield. |
| Hull | 229,887 | 140 | 81 | 20 | 19 | – | 3 | 1 | 1 | 1 | – | 1 | 2 | 3 | 10 | 2 | 18·4 | 1·6 | 54·0 | 30·0 | 40·7 | 4·83 | 0·12 | 0·30 | Hull. |
| Sunderland | 143,849 | 117 | 61 | 21 | 10 | – | 6 | – | – | 1 | 1 | – | 1 | 4 | 5 | – | 22·1 | 2·9 | – | – | – | – | – | – | Sunderland. |
| Gateshead | 103,775 | 74 | 45 | 14 | 11 | – | – | – | 1 | 1 | – | – | 3 | 5 | 6 | – | 22·6 | 1·0 | – | – | – | – | – | – | Gateshead. |
| Newcastle | 223,021 | 132 | 91 | 12 | 20 | – | 2 | 1 | 2 | – | – | – | 9 | 6 | 22 | 5 | 21·3 | 1·2 | – | – | – | – | – | – | Newcastle. |

* See note * on first page of this return.

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the SIXTH Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2830 | 2772 | 2707 | 2814 | 2651 | 2884 | 2709 | 2736 | 2656 | 2917 | 2912·3 | 2843 |
| Males - - | 1383 | 1433 | 1373 | 1371 | 1356 | 1468 | 1408 | 1381 | 1370 | 1490 | 1476·7 | 1488 |
| Females - | 1447 | 1339 | 1334 | 1443 | 1295 | 1416 | 1301 | 1355 | 1286 | 1427 | 1435·6 | 1355 |
| TOTAL **Deaths** - | 1833 | 1460 | 1749 | 1673 | 2010 | 1579 | 1532 | 1768 | 1762 | 1588 | 1784·6 | 1922 |
| Males - - | 914 | 721 | 886 | 880 | 992 | 757 | 781 | 880 | 936 | 816 | 901·1 | 954 |
| Females - - | 924 | 739 | 863 | 793 | 1018 | 822 | 751 | 888 | 826 | 772 | 883·5 | 968 |

* The numbers in this column are the average weekly numbers in the sixth week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | Nov. 20. | Nov. 27. | Dec. 4. | Dec. 11. | Dec. 18. | Dec. 25. | Jan. 1. | Jan. 8. | Jan. 15. | Jan. 22. | Jan. 29. | Feb. 5. | Feb. 12. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** - - - | 2780 | 2523 | 2459 | 2489 | 2623 | 2106 | 2363 | 3001 | 2703 | 2631 | 2639 | 2603 | 2843 |
| TOTAL **Deaths** - - - | 1617 | 1793 | 1725 | 1866 | 1796 | 1555 | 2360 | 1990 | 1982 | 2021 | 1764 | 1861 | 1922 |
| Ages at Death: Under 1 year - - | 430 | 417 | 399 | 411 | 362 | 339 | 443 | 345 | 373 | 404 | 358 | 385 | 366 |
| 1—5 years - - | 264 | 342 | 303 | 353 | 313 | 277 | 456 | 361 | 353 | 367 | 306 | 298 | 318 |
| 5—20 " - - | 101 | 107 | 89 | 84 | 108 | 82 | 111 | 90 | 85 | 76 | 72 | 92 | 93 |
| 20—40 " - - | 184 | 210 | 190 | 202 | 198 | 187 | 267 | 231 | 225 | 203 | 206 | 204 | 230 |
| 40—60 " - - | 302 | 324 | 315 | 343 | 316 | 262 | 436 | 389 | 385 | 366 | 341 | 335 | 342 |
| 60—80 " - - | 283 | 320 | 341 | 373 | 410 | 321 | 544 | 472 | 470 | 490 | 372 | 438 | 467 |
| 80 years and upwards | 53 | 73 | 88 | 100 | 89 | 87 | 103 | 102 | 91 | 115 | 109 | 109 | 106 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox - - - - - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Measles - - - - - | 87 | 120 | 108 | 122 | 134 | 112 | 166 | 130 | 134 | 130 | 79 | 80 | 87 |
| Scarlet Fever - - - | 27 | 26 | 21 | 18 | 19 | 9 | 11 | 19 | 15 | 17 | 17 | 12 | 19 |
| Diphtheria - - - - | 36 | 63 | 52 | 58 | 63 | 56 | 53 | 50 | 44 | 33 | 36 | 42 | 45 |
| Whooping-cough - - - | 29 | 35 | 38 | 46 | 45 | 57 | 76 | 65 | 76 | 69 | 84 | 64 | 67 |
| Typhus - - - - - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Enteric Fever - - - | 15 | 21 | 16 | 14 | 23 | 5 | 14 | 10 | 9 | 8 | 9 | 8 | 6 |
| Simple Continued Fever - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - |
| Diarrhœa and Dysentery .. | 8 | 13 | 15 | 12 | 11 | 6 | 13 | 10 | 10 | 7 | 10 | 17 | 12 |
| Cholera - - - - - - | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| All the above Diseases - | 202 | 279 | 250 | 270 | 295 | 245 | 333 | 284 | 238 | 264 | 236 | 224 | 236 |
| Dis. of Respiratory System - | 414 | 471 | 418 | 468 | 458 | 353 | 700 | 533 | 516 | 567 | 471 | 471 | 468 |
| Phthisis - - - - - - | 155 | 164 | 147 | 168 | 157 | 160 | 201 | 180 | 212 | 170 | 159 | 163 | 192 |
| Dis. of Circulatory System - | 131 | 152 | 164 | 151 | 151 | 131 | 167 | 186 | 161 | 153 | 135 | 126 | 164 |
| Violence - - - - - | 74 | 74 | 58 | 64 | 60 | 79 | 117 | 79 | 77 | 87 | 52 | 78 | 61 |
| Inquest Cases - - - - | 179 | 169 | 144 | 153 | 146 | 158 | 251 | 205 | 173 | 167 | 130 | 153 | 159 |
| Deaths in Public Institutions - | 435 | 499 | 461 | 532 | 513 | 413 | 603 | 533 | 533 | 523 | 478 | 538 | 531 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean - - - - - - | 47°·5 | 43°·4 | 39°·0 | 41°·7 | 46°·2 | 35°·8 | 45°·1 | 43°·4 | 41°·8 | 45°·1 | 42°·4 | 44°·0 | 43°·0 |
| Mean of Highest readings - | 53·4 | 48·0 | 44·0 | 47·5 | 50·8 | 40·3 | 48·7 | 48·9 | 44·6 | 48·1 | 45·2 | 49·4 | 48·3 |
| Mean of Lowest readings - | 41·5 | 38·2 | 32·7 | 36·4 | 40·1 | 30·0 | 40·7 | 37·1 | 37·6 | 40·9 | 39·8 | 39·6 | 37·8 |
| Humidity of the Air - - | 84 | 91 | 79 | 82 | 87 | 88 | 87 | 89 | 85 | 91 | 80 | 79 | 81 |
| Rain-fall (in inches) - - | 0·34 | 0·38 | 0·15 | 0·86 | 0·63 | 0·02 | 0·66 | 0·49 | 0·00 | 0·12 | 0·00 | 0·28 | 0·20 |
| Registered Sunshine (in hours) | 11·1 | 7·9 | 14·3 | 9·1 | 13·5 | 12·9 | 5·0 | 11·1 | 3·5 | 3·4 | 2·2 | 10·2 | 7·0 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox - - - - - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Scarlet Fever - - - - | 3792 | 3818 | 3812 | 3806 | 3733 | 3619 | 3572 | 3450 | 3253 | 3149 | 3061 | 2964 | 2871 |
| Diphtheria - - - - | 1064 | 1052 | 1055 | 1110 | 1109 | 1086 | 1070 | 1062 | 1023 | 1045 | 1062 | 1044 | 1042 |
| Enteric Fever - - - - | 163 | 155 | 155 | 151 | 138 | 129 | 116 | 111 | 110 | 109 | 106 | 96 | 93 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton: A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; Arthur Brown. Esq., M.Inst. C.E., and P. Boobbyer, Esq.. M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpoo ;H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.

BLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the SIXTH Week of the Year 1898.

| USES OF DEATH. | Corrected Average for the 6th Week of the 10 years 1888-97*. | In the Week ending Saturday, 12th February 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| AUSES - - - | 1784·6 | 1922 | 366 | 318 | 93 | 230 | 342 | 467 | 106 |
| 1- Vaccinated† - | – | – | – | – | – | – | – | – | – |
| Unvaccinated | 0·3 | – | – | – | – | – | – | – | – |
| No Statement | 0·3 | – | – | – | – | – | – | – | – |
| es - - - - | 30·6 | 87 | 9 | 71 | 7 | – | – | – | – |
| t Fever - - - | 19·2 | 19 | – | 16 | 2 | 1 | – | – | – |
| us - - - - | 0·2 | – | – | – | – | – | – | – | – |
| sing Fever - - | – | – | – | – | – | – | – | – | – |
| nza - - - - | 31·8 | 98 | 4 | 10 | 3 | 8 | 28 | 41 | 4 |
| ping-cough - - | 71·9 | 67 | 19 | 45 | 3 | – | – | – | – |
| heria - - | 40·6 | 45 | – | 25 | 18 | 2 | – | – | – |
| e Continued and lefined Fever - | 0·3 | – | – | – | – | – | – | – | – |
| ic Fever - - - | 7·2 | 6 | – | 1 | 2 | 3 | – | – | – |
| ra and Chol. Diarr. | 0·1 | – | – | – | – | – | – | – | – |
| hœa, Dysentery - | 14·6 | 12 | 8 | 3 | – | – | – | 1 | – |
| ttent Fever - - | – | – | – | – | – | – | – | – | – |
| phobia - - - | 0·1 | – | – | – | – | – | – | – | – |
| ers - - - - | 0·1 | – | – | – | – | – | – | – | – |
| ox and Effects of cination - - | 0·2 | – | – | – | – | – | – | – | – |
| real Affections - - | 10·9 | 12 | 4 | 2 | 1 | 3 | 1 | 1 | – |
| pelas - - - | 5·7 | 4 | 2 | – | – | – | 1 | 1 | – |
| hia and Septicæmia | 2·0 | 2 | 1 | – | – | 1 | – | – | – |
| peral Fever - - | 5·9 | 3 | – | – | – | 2 | 1 | – | – |
| Zymotic Diseases | 2·2 | – | – | – | – | – | – | – | – |
| sh - - - - | 1·3 | – | – | – | – | – | – | – | – |
| ns and other Parasical Diseases - | 0·2 | 1 | – | – | – | – | 1 | – | – |
| ation, Want of ast-milk - - | 1·9 | 6 | 4 | – | – | – | 2 | – | – |
| olism - - - | 8·5 | 13 | – | – | – | 5 | 5 | 3 | – |
| matic Fever, eumatism of Heart | 7·6 | 5 | – | – | 1 | 3 | – | 1 | – |
| matism - - - | 1·7 | 3 | – | – | – | – | 2 | 1 | – |
| - - - - - | 3·4 | 2 | – | – | – | – | 1 | 1 | – |
| ets - - - - | 4·6 | 10 | 3 | 7 | – | – | – | – | – |
| er - - - - | 66·6 | 84 | – | – | 1 | 6 | 35 | 36 | 6 |
| s Mesenterica - - | 18·3 | 20 | 17 | 2 | 1 | – | – | – | – |
| rcular Meningitis - | 22·6 | 22 | 5 | 10 | 6 | 1 | – | – | – |
| isis - - - - | 172·9 | 192 | – | 6 | 12 | 83 | 74 | 16 | 1 |
| ula, Tuberculosis - | 17·6 | 21 | 3 | 5 | 6 | 5 | 2 | – | – |
| r Constitutional eases - - | 12·3 | 16 | 1 | – | 1 | 3 | 2 | 9 | – |
| nature Birth - - | 46·9 | 51 | 51 | – | – | – | – | – | – |
| ectasis - - - | 4·0 | 5 | 5 | – | – | – | – | – | – |
| enital Malformans - - - | 8·5 | 7 | 5 | 2 | – | – | – | – | – |
| Age - - - - | 52·6 | 60 | – | – | – | – | – | 26 | 34 |
| plexy - - - | 45·7 | 47 | – | – | – | 4 | 13 | 26 | 4 |
| epsy - - - - | 8·9 | 9 | – | – | 1 | 3 | 2 | 2 | 1 |
| rulsions - - - | 42·8 | 35 | 30 | 5 | – | – | – | – | – |
| r Diseases of Brain l Nervous System | 88·6 | 72 | 9 | 4 | 6 | 5 | 10 | 32 | 6 |
| ases of Organs of ecial Sense - | 2·8 | 7 | 1 | 1 | 1 | 2 | 2 | – | – |

| CAUSES OF DEATH | Corrected Average for the 6th Week of the 10 years 1888-97*. | In the Week ending Saturday, 12th February 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 154·8 | 164 | 1 | 1 | 8 | 24 | 51 | 67 | 12 |
| Croup - - - - | 7·7 | 2 | – | 2 | – | – | – | – | – |
| Bronchitis - - - | 285·3 | 299 | 57 | 37 | 1 | 5 | 37 | 135 | 27 |
| Pneumonia - - - | 131·9 | 141 | 29 | 49 | 3 | 18 | 20 | 16 | 6 |
| Pleurisy - - - - | 6·0 | 3 | – | – | – | 1 | 1 | 1 | – |
| Other Diseases of Respiratory System - | 34·4 | 23 | 4 | 1 | – | 3 | 6 | 7 | 2 |
| Dentition - - - - | 11·9 | 10 | 10 | – | – | – | – | – | – |
| Quinsy, Sore Throat - | 0·9 | – | – | – | – | – | – | – | – |
| Enteritis - - - - | 11·3 | 13 | 7 | 2 | – | 3 | 1 | – | – |
| Peritonitis - - - | 6·2 | 4 | 1 | – | 1 | 1 | 1 | – | – |
| Diseases of Liver - - | 25·5 | 26 | 1 | – | 1 | 6 | 7 | 11 | – |
| Other Diseases of Digestive System | 29·4 | 27 | 9 | 3 | 1 | 2 | 6 | 4 | 2 |
| Diseases of Lymphatic System & of Ductless Glands - - - | 2·2 | 3 | 1 | – | – | 1 | 1 | – | – |
| Diseases of Urinary System - - - | 48·4 | 38 | 1 | 1 | 1 | 7 | 14 | 14 | – |
| Diseases of Generative System - - - | 5·1 | 4 | – | – | – | 2 | 1 | 1 | – |
| Accidents of Childbirth- | 4·9 | 3 | – | – | – | 3 | – | – | – |
| Diseases of Locomotive System - - - | 6·6 | 5 | – | – | 1 | 1 | 1 | 2 | – |
| Diseases of Integumentary System- - | 6·5 | 3 | 1 | – | 1 | – | – | 1 | – |
| VIOLENT DEATHS ‡ (ACCIDENT.) | | | | | | | | | |
| By Railways - - - | 58·0 | – | – | – | – | – | – | – | – |
| By Vehicles or Horses - | | 6 | – | – | 1 | 2 | 3 | – | – |
| In Ships, Boats, Docks, (exclusive of Drowning) - - - | | 1 | – | – | – | 1 | – | – | – |
| In Building Operations - | | – | – | – | – | – | – | – | – |
| In Conflagrations - - | | – | – | – | – | – | – | – | – |
| By Burns, Scalds, Explosions - - | | 9 | 1 | 3 | 1 | 1 | – | 2 | 1 |
| By Drowning - - - | | 3 | – | – | – | 2 | 1 | – | – |
| By Suffocation in Bed - | | 17 | 17 | – | – | – | – | – | – |
| By Poisons or Poisonous Vapours - - | | 3 | – | – | – | 1 | 2 | – | – |
| Other or not stated causes - - - - | | 14 | 1 | 1 | 1 | 3 | 2 | 6 | – |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - | 1·6 | – | – | – | – | – | – | – | – |
| Suicide - - - - | 7·9 | 8 | – | – | – | 3 | 3 | 2 | – |
| Execution - - - | 0·1 | – | – | – | – | – | – | – | – |
| OTHER CAUSES - - | 53·5 | 50 | 44 | 3 | – | – | 2 | 1 | – |

The numbers in this column are the average weekly deaths for the ten years 1888-97, raised by 5·230 per cent. for increase opulation.

Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered ical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the se of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of dent, murder, manslaughter or suicide. All such cases are classed under "accident."

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 12th February, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2843 | 1922 | 366 | 573 | - | 87 | 19 | 45 | 67 | - | 6 | - | 12 | 61 | 159 | 531 | 16 |
| WEST DISTRICTS - - - | 778,251 | 431 | 331 | 54 | 100 | - | 16 | 3 | 5 | 5 | - | - | - | 2 | 10 | 25 | 89 | 1 |
| NORTH DISTRICTS - - - | 1,040,694 | 608 | 411 | 75 | 113 | - | 25 | 9 | 13 | 7 | - | 1 | - | 2 | 10 | 32 | 108 | - |
| CENTRAL DISTRICTS - - - | 233,635 | 143 | 115 | 22 | 29 | - | 2 | - | 1 | 5 | - | 1 | - | 1 | 6 | 13 | 40 | 1 |
| EAST DISTRICTS - - - | 716,334 | 606 | 360 | 91 | 96 | - | 18 | - | 2 | 28 | - | 2 | - | 3 | 15 | 41 | 111 | - |
| SOUTH DISTRICTS - - - | 1,612,796 | 1055 | 675 | 124 | 220 | - | 26 | 6 | 24 | 22 | - | 2 | - | 4 | 20 | 48 | 153 | 14 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | -- | - | 30 | - | 15 | - | - | 1 | - | - | - | - | - | - | - | - | 30 | - |
| WEST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 46 | 40 | 5 | 14 | - | - | 1 | - | - | - | - | - | - | 1 | 3 | 6 | - |
| St. John Paddington *H* - - G. | 33,510 | 8 | 8 | - | 4 | - | - | - | - | - | - | - | - | - | - | - | 3 | - |
| Kensington Town *Ww* - - W. | 122,164 | 71 | 54 | 8 | 17 | - | - | - | - | - | - | - | - | - | 1 | 3 | 21 | - |
| Brompton *H* - - - W. & C. | 48,301 | 9 | 14 | - | 9 | - | - | - | - | - | - | - | - | - | - | - | 2 | - |
| St. Peter Hammersmith - - W. | 9,097 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Paul Hammersmith *HH* W. & G. | 35,102 | 67 | 46 | 9 | 16 | - | 5 | - | - | - | - | - | - | 1 | 1 | 4 | 4 | 1 |
| Fulham *Ww* - - - W. & C. | 113,781 | 89 | 49 | 10 | 8 | - | 4 | 2 | 3 | 1 | - | - | - | 1 | 2 | 4 | 17 | - |
| Chelsea Kensal Town - C. | 21,450 | 18 | 3 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Chelsea North *WHHHHH* - C. | 42,057 | 22 | 30 | 3 | 9 | - | 1 | - | - | 1 | - | - | - | - | - | - | 16 | - |
| Chelsea South *HH* - - C. | 33,139 | 14 | 14 | 4 | 2 | - | 1 | - | 1 | - | - | - | - | - | 1 | 3 | 2 | - |
| May Fair *W* - - - - G. | 23,827 | 7 | 8 | 1 | 3 | - | - | - | - | - | - | - | - | - | 1 | 1 | 4 | - |
| Belgrave *WHHH* - - - C. | 56,140 | 31 | 19 | 2 | 5 | - | - | - | - | 1 | - | - | - | - | 1 | 2 | 1 | - |
| St. John Westminster *HH* - C. | 31,492 | 20 | 16 | 6 | 5 | - | - | - | - | 2 | - | - | - | - | 2 | 3 | - | - |
| St. Margaret Westminster *H*- C. | 22,097 | 5 | 15 | - | 3 | - | 1 | - | 1 | - | - | - | - | - | - | 1 | 9 | - |
| St. James Westminster *WHH* N. & G. | 23,050 | 16 | 10 | 3 | 4 | - | 2 | - | - | - | - | - | - | - | - | - | 3 | - |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 3 | 5 | 1 | 1 | - | 2 | - | - | - | - | - | - | - | - | 1 | 1 | - |
| NORTH DISTRICTS. | | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - - W. | 36,595 | 12 | 18 | 1 | 5 | - | 1 | - | - | - | - | - | - | - | - | 3 | 6 | - |
| Rectory Marylebone *W* G. & W. | 19,798 | 13 | 6 | - | 1 | - | - | 1 | - | - | - | - | - | - | - | - | 1 | - |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 22 | 11 | 3 | 3 | - | - | - | 1 | 1 | - | - | - | - | - | - | 1 | - |
| Christchurch Marylebone *H* - W. | 32,547 | 19 | 12 | 1 | 4 | - | - | - | - | 1 | - | - | - | 1 | - | 1 | - | - |
| St. John Marylebone *HHH* W. | 32,611 | 17 | 3 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 37 | 29 | 2 | 4 | - | 3 | 7 | 6 | 1 | - | 1 | - | - | - | - | 17 | - |
| Regent's Park Pancras *HH* - W. | 37,341 | 21 | 9 | - | 3 | - | - | - | - | - | - | - | - | - | - | 2 | - | - |
| Tottenham-court *wHHH* - N. & W. | 26,757 | 16 | 15 | 4 | 2 | - | - | - | - | - | - | - | - | - | - | - | 8 | - |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 13 | 13 | 1 | 3 | - | - | - | - | - | - | - | - | - | 2 | 3 | 2 | - |
| Somers Town *HH* - - - N. | 32,161 | 17 | 21 | 2 | 4 | - | 1 | - | - | - | - | - | - | - | 3 | 7 | 5 | - |
| Camden Town *WH* - - N. | 16,669 | 8 | 15 | 1 | 5 | - | - | - | - | - | - | - | - | - | 1 | 4 | 12 | - |
| Kentish Town *WW* - - N. | 98,410 | 62 | 37 | 7 | 12 | - | 2 | - | 1 | - | - | - | - | - | - | 1 | 9 | - |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 48 | 36 | 3 | 14 | - | 4 | - | - | 1 | - | - | - | - | 1 | 1 | 20 | - |
| Islington South-west *H* - N. | 107,365 | 68 | 36 | 12 | 5 | - | 5 | 1 | 1 | - | - | - | - | - | 2 | 3 | 1 | - |
| Islington South-east - - N. | 66,549 | 39 | 17 | 3 | 3 | - | - | - | 1 | - | - | - | - | - | - | - | - | - |
| Highbury *HH* - - - N. | 64,577 | 33 | 26 | 3 | 10 | - | 3 | - | - | - | - | - | - | - | - | 2 | - | - |
| Stoke Newington *H* - - N. | 33,485 | 25 | 9 | 4 | 3 | - | - | - | - | - | - | - | - | 1 | - | - | - | - |
| North Hackney - - E. & N. | 213,044 | 16 | 16 | 8 | 4 | - | - | - | 1 | - | - | - | - | - | 1 | 2 | - | - |
| Central Hackney *ww* - E. & N. | | 34 | 14 | 3 | 5 | - | 1 | - | 2 | 2 | - | - | - | - | - | 1 | 3 | - |
| South-west Hackney *HHH* E. & N. | | 52 | 32 | 8 | 9 | - | - | - | - | 1 | - | - | - | - | - | 1 | 7 | - |
| South-east Hackney *WwH* E. & N. | | 36 | 36 | 7 | 14 | - | 5 | - | - | - | - | - | - | - | - | 1 | 16 | - |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers are received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. The Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River; E. East London; and K. the Kent Company.

* See note * on second page of this Return.

BLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH. FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 12th February, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population. 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Continued Simple Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CENTRAL DISTRICTS. | | | | | | | | | | | | | | | | | | |
| . George Bloomsbury - - N. | 16,110 | 7 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| . Giles South *WH* - - - N. | 12,976 | 14 | 9 | 1 | 4 | – | – | – | – | – | – | – | – | – | – | 1 | 6 | – |
| Giles North *H* - - - N. | 9,151 | 7 | 4 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | 3 | – |
| . Martin-in-the-Fields *HH* N. & C. | 13,077 | 3 | 4 | – | – | – | – | – | – | – | – | – | – | – | 1 | – | 3 | – |
| rand *WHH* - - - - N. | 11,839 | 3 | 10 | – | 2 | – | – | – | 1 | – | – | – | – | – | – | – | 6 | – |
| *rand Union Workhouse, Edmonton* | †*1,037* | – | 3 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 3 | – |
| olborn *wHHHHHHH* - N. | 31,042 | 16 | 18 | 6 | 3 | – | – | – | – | – | – | 1 | – | 1 | – | 1 | 4 | – |
| . James Clerkenwell - - N. | 15,777 | 5 | 8 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| mwell Clerkenwell - - N. | 34,356 | 27 | 18 | 4 | 4 | – | 1 | – | – | 4 | – | – | – | – | 1 | 2 | – | – |
| oswell-street - - - - N. | 16,069 | 7 | 3 | – | 2 | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| ity-road *HHHL* - - - N. | 29,897 | 31 | 14 | 4 | 4 | – | – | – | – | 1 | – | – | – | – | – | 3 | 3 | – |
| Vhitecross-street - - - N. | 7,595 | 9 | 5 | 1 | 1 | – | – | – | – | – | – | – | – | – | 2 | 2 | – | – |
| insbury - - - - - N. | 4,035 | 1 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| *olborn Union Workhouse, Mitcham* - - - - | †*892* | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| t. Botolph *H* - - N. & E. | 6,870 | 3 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| ripplegate - - - - N. | 3,299 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| t. Sepulchre *WH* - - - N. | 9,591 | 4 | 11 | 2 | 2 | – | 1 | – | – | – | – | – | – | – | 2 | 2 | 10 | – |
| llhallows Barking - - - N. | 9,059 | 4 | 2 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | 1 |
| road Street *H* - - - N. | 2,892 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| *ity of London Asylum, Stone* - - | †*388* | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | 2 | – |
| EAST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| horeditch South *Hl* - E. & N. | 17,975 | 11 | 3 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| oxton New Town *w* - - N. | 29,575 | 22 | 14 | 1 | 7 | – | 2 | – | – | – | – | – | – | 1 | – | 2 | 6 | – |
| oxton Old Town - - - N. | 27,645 | 24 | 7 | 4 | – | – | – | – | – | 1 | – | – | – | – | – | 1 | – | – |
| laggerston *WH* - - N. & E. | 47,163 | 46 | 23 | 7 | 9 | – | – | – | – | 3 | – | – | – | 1 | 1 | 2 | 5 | – |
| ethnal Green North *H* - E. | 49,301 | 49 | 25 | 8 | 4 | – | – | – | – | 3 | – | – | – | – | – | – | 1 | – |
| ethnal Green South - - E. | 34,194 | 28 | 14 | 6 | 1 | – | 1 | – | – | 3 | – | – | – | – | 1 | 1 | – | – |
| ethnal Green East *WHl* - E. | 45,667 | 36 | 38 | 5 | 14 | – | – | – | – | 4 | – | – | – | – | 1 | 2 | 18 | – |
| pitalfields - - - E. & N. | 26,681 | 34 | 7 | 2 | – | – | – | – | – | – | – | – | – | – | – | 2 | – | – |
| file End New Town *W* - E. | 12,816 | 15 | 9 | 1 | 3 | – | – | – | 1 | – | – | – | – | – | 1 | 1 | 6 | – |
| Vhitechapel Church *H* - E. & N. | 25,561 | 18 | 28 | 7 | 2 | – | 1 | – | 1 | 1 | – | – | – | – | 3 | 4 | 25 | – |
| oodman's Fields - - - E. | 13,618 | 13 | 6 | 5 | – | – | – | – | – | – | – | – | – | – | 1 | 2 | – | – |
| t. George's North - - - E. | 39,576 | 30 | 9 | 2 | 4 | – | – | – | – | – | – | – | – | – | – | 2 | – | – |
| t. John, St. George East *W* E. | 7,930 | 6 | 8 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | 7 | – |
| hadwell *H* - - - E. & N. | 10,434 | 5 | 7 | 4 | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 | 2 | – |
| atcliff *W* - - - - E. | 14,954 | 15 | 5 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| imehouse - - - - - E. | 32,917 | 20 | 10 | 4 | 3 | – | 3 | – | – | 1 | – | – | – | – | 2 | 3 | – | – |
| file End Old Town West *H* E. | 111,060 | 55 | 21 | 5 | 6 | – | – | – | – | 1 | – | – | – | – | – | 3 | – | – |
| file End Old Town East *WWww* - E. | | 49 | 32 | 11 | 12 | – | 3 | – | – | 4 | – | – | – | 1 | 1 | 2 | 10 | – |
| ow *l* - - - - E. | 41,687 | 37 | 17 | 1 | 4 | – | 3 | – | – | 1 | – | 1 | – | – | – | 1 | 3 | – |
| Bromley *wwvH* - - - E. | 69,821 | 52 | 55 | 9 | 14 | – | 3 | – | – | 6 | – | 1 | – | – | 3 | 8 | 24 | – |
| Poplar *WW* - - - - E. | 57,759 | 41 | 22 | 3 | 9 | – | 2 | – | – | – | – | – | – | – | – | 4 | 4 | – |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 12th February, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WH*L.&S. | 13,064 | 11 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| St. Saviour Southwark - - S. | 12,301 | 13 | 7 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | 1 |
| Kent-road - - - - S. & L. | 22,879 | 22 | 6 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Borough-road *WH* - S. & L. | 16,083 | 8 | 7 | 1 | – | – | – | – | – | 1 | – | – | – | – | – | – | 3 | – |
| London-road *HL* - - L. & S. | 21,316 | 13 | 8 | 2 | 4 | – | – | – | – | – | – | – | – | – | 1 | 2 | – | – |
| Trinity Newington - - S. & L. | 28,723 | 21 | 16 | 9 | 1 | – | 1 | – | – | – | – | – | – | – | 1 | 1 | – | – |
| St. Peter Walworth *W* - S. & L. | 62,045 | 40 | 24 | 6 | 6 | – | 1 | – | – | – | – | – | – | 1 | – | 2 | 2 | 2 |
| St. Mary Newington- - L. & S. | 30,171 | 23 | 12 | 4 | 5 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| St. Olave *WH*- - - - S. | 11,731 | 7 | 10 | 3 | 1 | – | – | – | – | – | – | – | – | – | 1 | 2 | 6 | 1 |
| Leather Market *W* - S. & L. | 32,339 | 32 | 9 | – | 3 | – | 2 | – | – | – | – | – | – | – | – | – | – | – |
| St. James Bermondsey - - S. | 53,136 | 37 | 18 | 6 | 3 | – | 2 | – | – | 1 | – | – | – | – | 2 | 3 | – | 1 |
| Rotherhithe *WwH* - S. & K. | 40,379 | 30 | 19 | 1 | 7 | – | 1 | – | 1 | – | – | – | – | – | – | – | 11 | – |
| Waterloo-road *HH* - L. & S. | 28,396 | 28 | 10 | 3 | 3 | – | – | – | – | – | – | – | – | – | – | 2 | 1 | – |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 14 | 14 | 1 | 2 | – | 1 | – | – | – | – | – | – | 1 | 1 | 1 | 9 | – |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 30 | 30 | 3 | 14 | – | – | – | – | 1 | – | – | – | – | – | 3 | 18 | 1 |
| Kennington 1st *H* - - S. & L. | 52,486 | 39 | 21 | 7 | 5 | – | – | – | – | 5 | – | – | – | – | 2 | 2 | – | – |
| Kennington 2nd - - S. & L. | 43,244 | 23 | 13 | 4 | 5 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Brixton *w* - - - L. & S. | 81,825 | 38 | 34 | 6 | 14 | – | – | – | 3 | – | – | 1 | – | – | – | 1 | 4 | – |
| Norwood *WH*- - - - L. | 29,318 | 12 | 8 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – | 2 | – |
| East Battersea - - - - S. | 71,730 | 46 | 24 | 10 | 3 | – | 2 | – | – | 1 | – | – | – | – | 1 | 2 | – | – |
| West Battersea *WwH* - - S | 93,385 | 52 | 44 | 5 | 21 | – | 1 | – | 1 | 4 | – | – | – | – | – | 2 | 16 | – |
| Clapham *H* - - - - S. | 46,953 | 24 | 7 | 2 | 3 | – | – | – | – | – | – | – | – | – | – | – | 2 | – |
| Wandsworth *WHHL* - - S. | 58,101 | 38 | 17 | 1 | 6 | – | 2 | – | 1 | – | – | – | – | – | 1 | 3 | – | – |
| Putney - - - - - S. | 20,566 | 9 | 3 | – | 2 | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| Streatham *Wwww*- - - L. | 61,644 | 32 | 30 | 2 | 13 | – | – | 3 | 6 | – | – | – | – | – | 1 | 2 | 16 | – |
| Dulwich - - - - L. & S. | 7,519 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Camberwell *Wwll* - S. & L. | 90,286 | 52 | 45 | 5 | 17 | – | – | – | 1 | – | – | – | – | 1 | 1 | 2 | 24 | 1 |
| Peckham *WW* - S., L., & K. | 88,242 | 58 | 39 | 7 | 10 | – | 3 | – | – | 5 | – | – | – | – | – | 1 | – | 1 |
| St. George Camberwell - L. & S. | 67,029 | 61 | 25 | 6 | 9 | – | 2 | – | – | – | – | – | – | – | 2 | 3 | – | 1 |
| Deptford North - - - K. | 36,152 | 27 | 10 | 3 | 2 | – | – | – | – | 1 | – | – | – | – | – | 1 | – | – |
| Deptford Central *w* - - K. | 45,441 | 33 | 22 | 4 | 1 | – | – | – | 6 | 2 | – | – | – | – | – | 3 | 6 | – |
| Deptford South - - - K. | 33,402 | 15 | 7 | – | 4 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Greenwich West *H* - - K. | 23,012 | 12 | 10 | 2 | 4 | – | 1 | – | – | – | – | – | – | – | 1 | 3 | – | – |
| Greenwich East *WH* - - K. | 37,767 | 28 | 23 | 4 | 10 | – | 1 | – | – | – | – | – | – | – | 1 | 2 | 12 | – |
| Eltham *wH* - - - - K. | 5,911 | 2 | 3 | 1 | 1 | – | – | – | 1 | – | – | – | – | 1 | – | – | 1 | – |
| Lee *H* - - - - - K. | 24,222 | 11 | 6 | – | 4 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Lewisham *WwH* - - - K. | 38,139 | 19 | 23 | 1 | 10 | – | 1 | 1 | 3 | – | – | – | – | – | – | – | 10 | 1 |
| Sydenham *H* - - - - L. | 37,601 | 25 | 11 | 1 | 5 | – | – | – | – | – | – | – | – | – | – | – | – | 1 |
| Charlton *wHH* - - K. | 15,928 | 3 | 9 | 2 | 3 | – | – | 2 | – | – | – | 1 | – | – | – | – | 4 | 1 |
| Woolwich Dockyard - - K. | 19,355 | 13 | 15 | 3 | 1 | – | 4 | – | 1 | – | – | – | – | – | – | – | – | – |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 22 | 9 | 5 | 2 | – | 1 | – | – | – | – | – | – | – | 1 | 1 | – | 2 |
| Plumstead West *H* - - K. | 16,714 | 6 | 7 | 1 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Plumstead East *WH* - - K. | 42,538 | 26 | 20 | – | 7 | – | – | – | – | 1 | – | – | – | – | 3 | 3 | 6 | – |
| Banstead Asylum - - - - | — | – | 3 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 3 | – |
| Caterham Asylum - - - - | — | – | 10 | – | 5 | – | – | – | – | – | – | – | – | – | – | – | 10 | – |
| Cane Hill Asylum - - - - | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Hospital Ships and Camp, Dartford | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Darenth Asylum - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Hanwell Asylum - - - - | — | – | 5 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 5 | – |
| Colney Hatch Asylum - - - | — | – | 5 | – | 4 | – | – | – | – | – | – | – | – | – | – | – | 5 | – |
| N.E. Hospital - - - - - | — | – | 1 | – | – | – | – | 1 | – | – | – | – | – | – | – | – | 1 | – |
| Winchmore Hill Hospital - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Leavesden Asylum - - - - | — | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Claybury Asylum - - - - | — | – | 4 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 4 | – |

TABLE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 12th February, 1898.

| Registration District and Sub-district Numbers. | REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years & upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LONDON—OUTER RING - | 368,749 | 1,422,063 | 1,065 | 492 | 114 | 161 | - | 10 | - | 22 | 8 | 2 | 6 | 12 | 26 | 53 | 9 |
| 30 : 1 | Carshalton *wHH* - - | 12,228 | 26,108 | 14 | 7 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | 1 |
| 2 | Epsom, *part of** *WwHH* - | 10,423 | 12,508 | 6 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | - |
| 37 : 1 | Godstone, *part of** *W* - | 2,754 | 1,598 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 38 : 1 | Croydon *WwHHH* - - | 20,851 | 128,699 | 88 | 31 | 4 | 14 | - | - | - | 2 | - | - | - | 2 | 5 | 6 | - |
| 2 | Mitcham *w* - - - | 11,697 | 23,088 | 19 | 8 | 1 | 3 | - | - | - | - | - | - | 1 | - | 1 | - | - |
| 39 : 1 | Wimbledon *HHH* - - | 3,220 | 25,761 | 19 | 10 | 3 | 2 | - | - | - | 1 | - | - | - | 1 | 1 | - | - |
| 2 | Kingston *W* - - - | } 8,071 | { 33,566 | 35 | 12 | 5 | 2 | - | - | - | - | 1 | - | - | - | - | 3 | - |
| 3 | Surbiton *H* - - - - | | { 11,199 | 2 | 2 | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - |
| 4 | Esher, *part of** *HH* - - | 6,601 | 12,059 | 6 | 2 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 5 | Hampton *HL* - - - | 4,565 | 18,252 | 7 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 40 : 1 | Richmond *WH* - - - | 2,160 | 25,389 | 12 | 4 | 1 | 2 | - | - | - | - | - | - | - | - | - | 3 | - |
| 2 | Mortlake *H* - - - | 2,823 | 16,159 | 12 | 10 | 3 | 3 | - | - | - | 1 | 1 | - | - | - | 1 | 1 | - |
| 41 : 1 | Bromley *HHH* - - - | 9,127 | 23,815 | 14 | 10 | 2 | 4 | - | - | - | - | - | - | - | 1 | 1 | 1 | - |
| 2 | Beckenham *H* - - - | 6,542 | 21,969 | 7 | 3 | - | - | - | - | - | 1 | - | - | - | - | - | - | 1 |
| 3 | Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 12 | 5 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 42 : 1 | Bexley *HHH* - - - | 12,540 | 30,590 | 23 | 8 | - | 5 | - | 1 | - | - | - | - | - | 1 | 1 | 1 | - |
| 2 | Dartford *WH*, part of* - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 124 : 1 | Sunbury *w* - - - | 11,054 | 13,671 | 9 | 9 | 2 | 2 | - | - | - | - | 1 | - | - | - | - | - | - |
| 2 | Staines *WH* - - - | 13,277 | 13,221 | 7 | 6 | - | 3 | - | - | - | - | - | - | - | - | - | 4 | - |
| 125 : 1 | Hillingdon *WHH* - - | 6,035 | 12,237 | 3 | 2 | - | - | - | - | - | - | - | - | - | 1 | - | 1 | - |
| 2 | Uxbridge - - - - | 12,757 | 7,253 | 2 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Hayes *wH* - - - - | 7,952 | 11,051 | 9 | 2 | - | - | - | - | - | 1 | 1 | - | - | - | - | - | - |
| 126 : 1 | Isleworth *WHH* - - | 6,967 | 26,004 | 7 | 12 | 2 | 7 | - | - | - | - | - | - | - | - | - | 1 | - |
| 2 | Twickenham *HH* - - | 2,415 | 16,027 | 10 | 3 | - | 2 | - | - | - | - | 1 | - | - | - | - | - | - |
| 3 | Brentford *HHHH* - - | 4,318 | 37,777 | 15 | 17 | 3 | 11 | - | - | - | - | - | - | 1 | - | - | - | 2 |
| 4 | Chiswick - - - - | 1,245 | 21,963 | 16 | 7 | 3 | 2 | - | - | - | - | - | - | - | - | - | - | - |
| 5 | Acton *wH* - - - - | 6,132 | 30,945 | 32 | 10 | - | 4 | - | - | - | 1 | - | - | - | - | 1 | - | - |
| 127 : 1 | Harrow *HHH* - - - | 13,809 | 15,715 | 13 | 5 | 5 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Edgware *HH* - - - | 6,994 | 3,844 | 2 | 2 | - | 2 | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Willesden *HHH* - - | 4,383 | 61,265 | 58 | 25 | 9 | 5 | - | - | - | 8 | 1 | - | 1 | - | - | 8 | - |
| 4 | Hendon *WH* - - - | 8,382 | 15,843 | 11 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 128 : 1 | South Mimms *HH* - - | 15,599 | 8,474 | 5 | 3 | - | 2 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Barnet *WHH* - - - | 5,478 | 12,045 | 4 | 5 | 1 | 3 | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Finchley *HHH* - - - | 4,688 | 25,820 | 15 | 5 | 1 | 3 | - | - | - | - | - | - | - | - | - | - | - |
| 129 : 1 | Hornsey *HH* - - - | 3,039 | 61,097 | 38 | 17 | 3 | 6 | - | - | - | - | - | - | - | - | 3 | - | - |
| 2 | Tottenham *HH* - - - | 4,642 | 97,174 | 80 | 22 | 5 | 4 | - | - | - | 1 | 1 | - | - | 1 | 3 | - | - |
| 3 | Edmonton *Www* - - | 7,489 | 36,351 | 23 | 19 | 3 | 7 | - | - | - | - | - | - | 1 | - | 1 | 4 | - |
| 4 | Enfield *WWHH* - - | 12,602 | 31,536 | 25 | 8 | 3 | 2 | - | - | - | - | - | - | - | - | - | - | - |
| 5 | Waltham Abbey - - - | 11,017 | 6,066 | 2 | 2 | - | - | - | 1 | - | - | - | - | - | - | - | - | - |
| 6 | Cheshunt *H* - - - | 8,480 | 9,620 | 7 | 3 | 1 | 1 | - | 1 | - | - | - | - | - | - | - | - | - |
| 135 : 1 | Hatfield, *part of** *W* - - | 3,306 | 582 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 137 : 1 | Bushey *H* - - - - | 9,331 | 7,737 | 3 | 3 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Watford *WH*, part of* - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 186 : 1 | Stratford *H* - - - | 1,100 | 42,983 | 42 | 18 | 6 | 2 | - | 2 | - | - | 1 | - | - | - | - | 1 | 2 |
| 2 | Plaistow *WHH* - - - | 1,242 | 53,030 | 55 | 23 | 5 | 8 | - | - | - | 3 | - | 1 | - | - | 1 | 1 | 1 |
| 3 | Canning Town *H* - - | 1,558 | 54,750 | 50 | 23 | 6 | 4 | - | - | - | 1 | - | - | - | - | 1 | - | 1 |
| 4 | Forest Gate *w* - - - | 806 | 49,140 | 33 | 20 | 5 | 8 | - | - | - | - | - | - | - | - | - | - | - |
| 5 | East Ham *wH* - - - | 3,266 | 32,713 | 50 | 19 | 4 | 6 | - | 2 | - | - | - | - | - | - | 1 | - | - |
| 6 | Leyton *WWWwH* - - | 4,334 | 70,188 | 54 | 34 | 6 | 15 | - | 1 | - | - | - | 1 | 1 | 2 | 2 | 10 | 1 |
| 7 | Walthamstow *HHL* - - | 6,501 | 57,330 | 63 | 28 | 10 | 5 | - | 1 | - | 2 | - | - | 1 | 2 | 2 | 2 | - |
| 187 : 1 | Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 8 | 7 | 3 | 2 | - | - | - | - | - | - | - | 1 | 1 | 1 | - |
| 2 | Epping *WH*, part of* - - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 189 : 1 | Romford, *part of** *WH* - | 6,556 | 4,324 | 6 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Ilford - - - - - | 8,493 | 10,913 | 10 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Barking Town, *H* - - | 3,814 | 14,301 | 20 | 5 | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| | Middlesex Co. Lunatic Asy. Wandsworth. | — | — | - | 4 | - | 1 | - | - | - | - | - | - | - | - | - | 4 | - |

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30 : 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37 : 1, the parishes of Warlingham and Farley in Godstone sub-district; 39 : 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41 : 3, Chislehurst sub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135 : 1, the parish of Northaw in Hatfield sub-district; 187 : 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (pop. 1,079); 189 : 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for Infectious Diseases belonging to the Outer Ring in 42 : 2, Dartford; 137 : 2, Watford; and 187 : 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 12th February, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | ANNUAL RATE of MORTALITY per 1000 living. From All Causes. | From Diseases in Cols. 8-14. | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. | 16. |
| GREATER LONDON | **443,421** | **6,408,321** | **19·6** | **2·3** | **2414** | **480** | **734** | **–** | **97** | **19** | **67** | **75** | **8** | **18** | **73** | **584** |
| INNER LONDON - | 74,672 | 4,504,766 | 22·2 | 2·7 | 1922 | 366 | 573 | – | 87 | 19 | 45 | 67 | 6 | 12 | 61 | 531 |
| OUTER RING - | 368,749 | 1,903,555 | 13·5 | 1·3 | 492 | 114 | 161 | – | 10 | – | 22 | 8 | 2 | 6 | 12 | 53 |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent to the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN, and in certain FOREIGN CITIES.

| CITIES | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. (Exclusive of Stillborn) | DEATHS. (Exclusive of Stillborn) | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM PRINCIPAL ZYMOTIC DISEASES. Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœal Diseases. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 295,628 | February 12 | 143 | 102 | 18·0 | – | – | 2 | 2 | 1 | – | 6 |
| GLASGOW - - | 724,349 | „ 12 | 454 | 312 | 22·5 | – | 11 | 3 | 3 | 15 | 2 | 6 |
| DUBLIN - - | 349,594 | „ 12 | 233 | 234 | 34·9 | – | – | 3 | 2 | 2 | 7 | 3 |
| CALCUTTA - - | 466,460 | January 8 | – | 269 | 30·0 | – | – | – | 1 | – | 76 | 43† |
| BOMBAY - - | 821,764 | „ 18 | 255 | 1506 | 95·3 | 1 | 9 | ? | ? | ? | 737‡ | 106† |
| MADRAS - - | 452,518 | „ 7 | 317 | 354 | 40·6 | 2 | 8 | ? | ? | ? | 103 | 55† |
| PARIS - - - | 2,511,629 | February 5 | 1248 | 1029 | 21·3 | – | 14 | 2 | 5* | 6 | 3 | 31 |
| BRUSSELS - - | 531,011 | „ 5 | 275 | 184 | 18·0 | – | 2 | – | 1* | 2 | – | 9 |
| AMSTERDAM - | 500,091 | January 29 | 293 | 153 | 15·9 | – | – | 1 | 1 | 1 | 3 | – |
| ROTTERDAM - | 290,004 | „ 29 | 209 | 109 | 19·5 | – | 1 | 1 | – | 2 | – | – |
| THE HAGUE - | 191,529 | „ 29 | 109 | 49 | 13·2 | – | – | – | 1 | – | – | – |
| COPENHAGEN - | 340,500 | February 5 | 222 | 87 | 13·3 | – | – | 1 | – | 2 | – | 4 |
| STOCKHOLM - | 274,611 | January 29 | 131 | 100 | 18·9 | – | – | 1 | 7* | 2 | 1 | 7 |
| CHRISTIANIA - | 192,141 | February 5 | 143 | 58 | 15·7 | – | 1 | 1 | 2 | – | 1 | 4 |
| ST. PETERSBURG | 954,400 | „ 5 | 723 | 606 | 33·1 | 3 | 5 | 18 | 39 | 1 | 35 | 49 |
| MOSCOW - - | 988,610 | January 29 | – | 486 | 25·6 | 1 | 2 | 12 | 19 | 1 | 5 | 31 |
| BERLIN - - | 1,726,098 | „ 22 | 985 | 562 | 16·5 | – | 5 | 4 | 19 | 7 | – | 24 |
| HAMBURG - - | 661,015 | February 5 | – | 209 | 16·4 | – | 1 | – | 5* | 3 | – | 4 |
| DRESDEN - - | 347,485 | January 8 | – | 124 | 17·1 | – | 1 | – | 3* | 2 | – | 8 |
| BRESLAU - - | 385,193 | February 5 | – | 182 | 24·6 | – | – | 2 | 2* | 2 | – | 22 |
| MUNICH - - | 430,000 | „ 5 | – | 184 | 22·3 | – | 4 | 1 | 3* | 1 | – | 32 |
| VIENNA - - | 1,574,129 | „ 5 | 1023 | 584 | 19·3 | – | 13 | 3 | 16* | 1 | – | 35 |
| PRAGUE - - | 377,109 | „ 5 | 207 | 171 | 23·6 | – | 1 | 3 | – | – | 2 | 1 |
| BUDA-PESTH - | 629,486 | January 29 | 458 | 259 | 19·5 | – | 4 | 1 | – | 1 | 5 | 11 |
| TRIESTE - - | 163,979 | February 5 | 99 | 93 | 29·4 | – | – | – | 2* | – | – | 3 |
| ROME - - - | 483,560 | January 8 | 252 | 223 | 24·0 | – | 3 | – | – | – | 3§ | 10 |
| TURIN (10 days) | 344,203 | „ 10 | – | – | – | – | – | – | – | – | – | – |
| VENICE - - | 166,969 | „ 29 | 87 | 113 | 35·5 | – | – | – | – | – | 4 | 4 |
| CAIRO - - | 374,838 | December 9 | 452 | 304 | 42·3 | – | 2 | – | 2* | – | 2 | 49 |
| ALEXANDRIA - | 231,396 | „ 9 | 245 | 159 | 35·8 | 1 | – | – | 1* | – | 4 | 50 |
| NEW YORK (including BROOKLYN) | 3,433,899 | January 22 | 1626 | 1130 | 17·1 | – | 17 | 26 | 35 | 4 | 3 | 15 |
| PHILADELPHIA - | 1,214,256 | „ 29 | – | – | – | – | – | – | – | – | – | – |

* Including deaths from croup.
† Including 11 deaths from cholera in Calcutta, 7 in Bombay, and 8 in Madras.
‡ Including 651 deaths from bubonic fever.
§ Including 2 deaths from malarial fever.

| 1898. Month and Day. | | Phases of the Moon. | Barometer. Mean daily reading (corrected and reduced to 32° Fahrenheit). | Temperature. Of the Air. High-est. | Low-est. | Daily Range. | Mean daily value. | Departure from Average of 50 years. | Temperature. Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Great-est. | Least. | Degree of Humidity (Saturation equals 100). | Temperature. Of Radiation. Highest in Sun's Rays. | Lowest on the Grass. | Of the Earth 3 feet below the Surface. | Wind as deduced from Anemometers. Osler's. General Direction. A.M. | P.M. | Pressure on the Square Foot. Great-est. | Least. | Mean of 24 hourly obs. | Robinson's. Horizontal Movement of the Air on each Day. | Departure from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| February. | | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| Sunday - | 6 | Full | 29·570 | 46·1 | 33·8 | 12·3 | 41·2 | + 1·5 | 38·7 | 2·5 | 5·6 | 0·2 | 91 | 51·0 | 29·7 | 44·85 | WSW., SW. & SSW. | WNW., W. & WSW. | 5·6 | 0·0 | 0·4 | 404 | + 65 | 0·18 | 0·0 |
| Monday - | 7 | .. | 29·687 | 44·4 | 34·3 | 10·1 | 39·0 | − 0·4 | 31·8 | 7·2 | 11·9 | 3·0 | 75 | 66·1 | 29·0 | 44·46 | WSW. & W. | WNW.NW. & WSW. | 10·9 | 0·0 | 1·0 | 499 | +162 | 0·00 | 0·0 |
| Tuesday - | 8 | .. | 29·878 | 48·0 | 33·6 | 14·4 | 40·9 | + 1·8 | 35·2 | 5·7 | 10·5 | 2·6 | 80 | 65·4 | 28·5 | 44·09 | WSW. | W., WNW. & NW. | 8·0 | 0·0 | 0·3 | 388 | + 54 | 0·01 | 0·0 |
| Wednesday | 9 | In Equator | 30·088 | 47·0 | 32·1 | 14·9 | 39·2 | + 0·5 | 35·7 | 3·5 | 8·8 | 0·0 | 87 | 67·8 | 26·9 | 43·75 | WNW., WSW. & SW. | WSW. & SW. | 1·0 | 0·0 | 0·0 | 197 | −133 | 0·00 | 0·0 |
| Thursday- | 10 | .. | 30·131 | 51·3 | 44·0 | 7·3 | 46·8 | + 8·4 | 39·2 | 7·6 | 13·2 | 3·5 | 74 | 78·9 | 40·0 | 43·52 | SW. & WSW. | WSW. & SW. | 2·5 | 0·0 | 0·1 | 269 | − 56 | 0·00 | 0·0 |
| Friday - | 11 | .. | 30·155 | 48·9 | 43·4 | 5·5 | 45·9 | + 7·6 | 39·1 | 6·8 | 10·9 | 3·7 | 77 | 59·0 | 39·2 | 43·63 | SW. & SSW. | SW. | 2·5 | 0·0 | 0·2 | 296 | − 24 | 0·00 | 0·0 |
| Saturday- | 12 | .. | 30·112 | 52·1 | 43·6 | 8·5 | 47·7 | + 9·2 | 42·0 | 5·7 | 11·6 | 1·7 | 81 | 66·2 | 40·6 | 43·89 | SW. | SW. | 5·6 | 0·0 | 0·5 | 350 | + 35 | 0·01 | 1·2 |
| Means - | - | | 29·946 | 48·3 | 37·8 | 10·4 | 43·0 | + 4·1 | 37·4 | 5·6 | 10·4 | 2·1 | 81 | 64·9 | 33·4 | 44·03 | W. & SW. | | .. | .. | .. | Sum 2403 | Sum +103 | Sum 0·20 | 0·2 |
| No. of Column - | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| Date. February. | | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | General Remarks. |
|---|---|---|---|---|---|
| Sunday - | 6 | v. P. & v. N. till 1h. P.M.; m. P. generally afterwards. | 0·0 | 9·4 | Overcast with frequent rain till noon: cloudy till 5h. P.M.; fine afterwards. Intense gloom at 11h. A.M.; lunar halo at night. |
| Monday - | 7 | m. P. till 2h. P.M.; s. P. afterwards. | 4·5 | 9·5 | Very fine with slight hoar frost in morning; cloudy with slight showers of snow and hail till afternoon; very fine afterwards. Brisk wind prevalent till evening. |
| Tuesday - | 8 | s. P. till noon; v. P. and v. N. till 5h. P.M.; s. P. afterwards. | 0·8 | 9·6 | Fine and partially cloudy till noon with slight hoar frost in morning; cloudy and showery till 5h. P.M.; generally cloudless afterwards. |
| Wednesday | 9 | s. P. throughout - | 0·4 | 9·6 | Very fine with hoar frost in morning; partially cloudy till 2h. P.M.; generally overcast afterwards. Bright solar halo observed at 10h. A.M. |
| Thursday- | 10 | m. P. generally - | 1·0 | 9·6 | Cloudy; fine in forenoon. |
| Friday - | 11 | m. P. generally - | 0·0 | 9·7 | Generally overcast. |
| Saturday- | 12 | m. P. generally - | 0·3 | 9·8 | Generally overcast. Slight rain at 3h. A.M. |
| | | | Sum 7·0 | Sum 67·2 | |
| No. of Col. - | - | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased from 29·83 in. at the beginning of the week to 29·55 in. by noon on the 6th; increased to 30·19 in. by 11h. P.M. on the 11th; and decreased to 30·00 in. by the end of the week.

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1898.

OFFICIAL COPY.

# WEEKLY RETURN
OF
# BIRTHS AND DEATHS IN LONDON
AND IN
# THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

*Printed under the Superintendence of Her Majesty's Stationery Office,*
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No. 7. 1898. Vol. LIX.] Week ending Saturday, Feb. 19. [Price 1½*d*.

*General Register Office, Somerset House,*
*February* 21*st*, 1898.

## Thirty-three Great Towns.

The deaths registered last week in Thirty-three Great Towns of England and Wales corresponded to an annual rate of 20·4 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| Towns. | Weeks ending | | | | Towns. | Weeks ending | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Jan. 29. | Feb. 5. | Feb. 12. | Feb. 19. | | Jan. 29. | Feb. 5. | Feb. 12. | Feb. 19. |
| 33 Great Towns | 18·7 | 19·2 | 20·7 | 20·4 | Leicester - - | 15·2 | 16·2 | 18·0 | 16·0 |
| Birkenhead - | 14·7 | 18·0 | 18·4 | 17·5 | Liverpool - - | 18·8 | 20·2 | 21·1 | 23·4 |
| Birmingham - | 22·4 | 21·4 | 22·5 | 20·6 | London - - - | 20·4 | 21·5 | 22·2 | 21·5 |
| Blackburn - | 20·0 | 15·7 | 16·0 | 14·5 | Manchester - - | 18·0 | 17·3 | 22·3 | 20·5 |
| Bolton - - | 16·2 | 11·1 | 17·5 | 20·4 | Newcastle-on-Tyne | 17·3 | 15·9 | 21·3 | 17·8 |
| Bradford - | 17·4 | 14·1 | 14·9 | 19·9 | Norwich - - | 22·9 | 15·9 | 23·3 | 18·7 |
| Brighton - | 22·6 | 17·1 | 24·3 | 16·6 | Nottingham - - | 17·2 | 17·4 | 15·7 | 18·3 |
| Bristol - | 17·1 | 19·3 | 24·0 | 24·5 | Oldham - - | 13·0 | 20·4 | 17·9 | 15·5 |
| Burnley - | 14·8 | 18·1 | 15·7 | 15·2 | Plymouth - - | 18·9 | 23·7 | 26·3 | 22·1 |
| Cardiff - - | 13·8 | 18·2 | 14·1 | 22·9 | Portsmouth - - | 19·3 | 21·5 | 19·8 | 19·6 |
| Croydon - | 11·3 | 18·0 | 11·3 | 21·0 | Preston - - | 12·5 | 16·1 | 17·0 | 13·9 |
| Derby - - | 14·4 | 13·4 | 16·4 | 20·4 | Salford - - - | 20·5 | 17·6 | 21·3 | 21·5 |
| Gateshead - | 12·6 | 15·6 | 22·6 | 20·1 | Sheffield - - | 20·0 | 17·4 | 19·7 | 18·3 |
| Halifax - | 22·1 | 16·2 | 22·1 | 22·1 | Sunderland - - | 15·6 | 15·2 | 22·1 | 14·9 |
| Huddersfield- | 12·2 | 15·3 | 17·8 | 21·4 | Swansea - - | 15·8 | 15·8 | 26·1 | 25·0 |
| Hull - - | 14·1 | 17·5 | 18·4 | 18·1 | West Ham - - | 15·8 | 13·6 | 16·7 | 15·6 |
| Leeds - - | 16·1 | 18·4 | 17·3 | 17·1 | Wolverhampton - | 29·6 | 16·0 | 14·8 | 29·0 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were :—from *measles*, 1·0 in Huddersfield, 1·2 in London, 2·1 in Brighton, 2·5 in Gateshead, 3·2 in Leicester, 4·4 in Bristol, and 4·6 in Swansea; from *whooping-cough*, 1·0 in Birmingham and in Salford, and 1·1 in Portsmouth; from "*fever*," 1·0 in Derby; and from *diarrhœa*, 1·2 in Salford. In no case did the death-rate from *scarlet fever* reach 1·0 per 1000 in any of the thirty-three towns. The 71 deaths from *diphtheria* included 33 in London, 7 in Cardiff, 6 in Liverpool, 4 in Wolverhampton, 3 in West Ham, 3 in Bristol, and 3 in Salford. No death from *small-pox* was registered in any of the thirty-three towns.

## London.

In London† 2527 births and 1856 deaths were registered. Allowing for increase of population, the births were 215 below, and the deaths 36 above, the average numbers in the corresponding weeks of the last ten years. The

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

annual death-rate per 1000 from all causes, which had been 20·4, 21·5, and 22·2 in the preceding three weeks, fell again last week to 21·5. During the four weeks ending on Saturday last the death-rate averaged 21·4 per 1000, being 0·2 per 1000 below the mean rate in the corresponding periods of the ten years 1888–97.

The 1856 deaths included 100 from measles, 9 from scarlet fever, 33 from diphtheria, 53 from whooping-cough, 8 from enteric fever, 8 from diarrhœa and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 211 deaths were referred to these diseases, being 25 above the corrected average weekly number.

The deaths from *measles*, which had been 79, 80, and 87 in the preceding three weeks, further rose last week to 100, and were 65 above the corrected average; 14 cases belonged to Islington, 9 to Hammersmith, 6 to Fulham, 6 to Greenwich, 4 to Mile End Old Town, 4 to Poplar, 4 to Lambeth, and 4 to Battersea sanitary areas. The deaths from *scarlet fever*, which had been 17, 12, and 19 in the preceding three weeks, fell again last week to 9, and were 11 below the corrected average. The deaths from *diphtheria*, which had been 36, 42, and 45 in the preceding three weeks, fell again last week to 33, and were 5 below the corrected average; 6 cases belonged to Islington, 5 to Poplar, 3 to St. Pancras, 3 to Newington, and 3 to Wandsworth sanitary areas. The deaths from *whooping-cough*, which had been 84, 64, and 67 in the preceding three weeks, fell again last week to 53, and were 19 below the corrected average; 9 cases belonged to Bethnal Green, and 6 to Shoreditch sanitary areas. The fatal cases of *enteric fever*, which had been 9, 8, and 6 in the preceeding three weeks, were 8 last week, the corrected average being 10; 2 cases belonged to Shoreditch sanitary area. The deaths from *diarrhœa*, which had been 10, 17, and 12 in the preceding three weeks, further fell last week to 8, and were 4 below the corrected average. The deaths referred to diseases of the respiratory organs, which had been 471, 471, and 468 in the preceding three weeks, further fell last week to 437, and were 41 below the corrected average. The deaths attributed directly to *influenza* numbered 87, having been 88, 102, and 98 in the preceding three weeks.

Different forms of violence caused 77 deaths, concerning all but 3 of which inquests were held. Of these 77 deaths, 7 were cases of suicide, and 1 of homicide, while the remaining 69 were attributed to accident or negligence. Eight of these were referred to vehicles in the streets, 15 to burns and scalds, 1 to the effects of an anæsthetic administered for surgical purposes, and 10 (of infants under one year of age), to suffocation in bed.

### Cases of Infectious Sickness in Hospitals.*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2781 cases of scarlet fever, 1058 of diphtheria, and 87 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 233 cases, against 244, 209, and 232; of diphtheria, 147 cases, against 163, 155, and 135; and of enteric fever, 14 cases, against 15, 9, and 15.

### Greater London.

In Greater London 3551 births and 2392 deaths were registered, corresponding to annual rates of 28·9 and 19·4 per 1000 of the estimated population. In the Outer Ring 13 deaths from measles, 4 from scarlet fever, 18 from diphtheria, 9 from whooping-cough, 4 from "fever," and 2 from diarrhœa were registered. Five deaths from diphtheria occurred in West Ham district, and 3 in Kingston district.

### Meteorology.

The mean reading of the Barometer last week at Greenwich was 29·90 inches, and that of the Thermometer 42°·7, the latter being 3°·2 above the week's average in the 50 years 1841–90. The direction of the wind was variable, the horizontal movement of the air being 26 per cent. above the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 9·4 hours; the measured rainfall amounted to 0·35 of an inch.

* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found, after sojourn in the Hospital to have been erroneous.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Registered during the Week ending 19th February 1898. Births. | Deaths. | The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Annual Rate per 1000, corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols 6-12. | Temperature of the Air. Highest. Fahrenheit. | Lowest. Fahrenheit. | Mean. Fahrenheit. | Mean. Centigrade. | Rainfall. In Inches. | In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| **33 Towns** | **11,218,378** | **6430** | **4384** | **975** | **1093** | **–** | **139** | **29** | **71** | **108** | **34** | **33** | **154** | **349** | **919** | **60** | **20·4** | **2·2** | **55·8** | **24·2** | **42·6** | **5·89** | **0·41** | **1·04** | **33 Towns.** |
| London | 4,504,766 | 2527 | 1856 | 392 | 516 | – | 100 | 9 | 33 | 53 | 8 | 8 | 77 | 169 | 551 | 16 | 21·5 | 2·4 | 53·6 | 30·2 | 42·7 | 5·94 | 0·35 | 0·89 | London. |
| West Ham | 286,654 | 184 | 86 | 21 | 14 | – | – | 2 | 3 | 2 | 1 | 1 | 5 | 7 | 7 | 3 | 15·6 | 1·6 | – | – | – | – | – | – | West Ham. |
| Croydon | 124,421 | 62 | 50 | 10 | 25 | – | 1 | – | 1 | – | 1 | – | 3 | 7 | 12 | – | 21·0 | 1·3 | 54·0 | 27·5 | 43·5 | 6·35 | 0·40 | 1·02 | Croydon. |
| Brighton | 122,310 | 51 | 39 | 12 | 13 | – | 5 | – | – | – | – | – | – | 3 | 4 | – | 16·6 | 2·1 | 54·6 | 30·0 | 44·9 | 7·17 | 0·43 | 1·09 | Brighton. |
| Portsmouth | 186,618 | 84 | 70 | 15 | 23 | – | – | 1 | – | 4 | 1 | 1 | 1 | 4 | 16 | 2 | 19·6 | 2·0 | 53·5 | 29·5 | 45·3 | 7·39 | 0·65 | 1·65 | Portsmouth. |
| Plymouth | 99,136 | 54 | 42 | 10 | 17 | – | – | – | – | 1 | – | – | 1 | 5 | 3 | – | 22·1 | 0·5 | – | – | – | – | – | – | Plymouth. |
| Bristol | 316,900 | 176 | 149 | 26 | 46 | – | 27 | – | 3 | 2 | – | 3 | – | 7 | 8 | – | 24·5 | 5·8 | 51·0 | 26·0 | 42·9 | 6·06 | 0·59 | 1·50 | Bristol. |
| Cardiff | 177,770 | 107 | 78 | 16 | 16 | – | 2 | – | 7 | 1 | – | – | 1 | 3 | 11 | 2 | 22·9 | 2·9 | – | – | – | – | – | – | Cardiff. |
| Swansea | 102,001 | 48 | 49 | 13 | 11 | – | 9 | – | – | 1 | – | – | 1 | 4 | 7 | 1 | 25·0 | 5·1 | – | – | – | – | – | – | Swansea. |
| Wolverhampton | 83,051 | 65 | 49 | 13 | 7 | – | – | – | 4 | – | – | – | 1 | 5 | 9 | 1 | 29·0 | 2·4 | 50·7 | 24·2 | 40·4 | 4·67 | 0·38 | 0·97 | Wolverhampton. |
| Birmingham | 510,343 | 316 | 202 | 55 | 41 | – | 4 | 1 | – | 10 | 5 | 4 | 4 | 7 | 33 | 8 | 20·6 | 2·5 | – | – | – | – | – | – | Birmingham. |
| Norwich | 111,699 | 73 | 40 | 8 | 13 | – | – | – | – | – | – | – | 1 | 1 | 10 | 1 | 18·7 | – | 53·0 | 32·2 | 41·9 | 5·50 | 0·19 | 0·48 | Norwich. |
| Leicester | 208,662 | 122 | 64 | 13 | 15 | – | 13 | 1 | – | – | – | – | 1 | 2 | 5 | – | 16·0 | 3·5 | – | – | – | – | – | – | Leicester. |
| Nottingham | 236,137 | 145 | 83 | 20 | 15 | – | – | – | 1 | 3 | 4 | 1 | 2 | 3 | 13 | – | 18·3 | 2·0 | 54·8 | 28·3 | 41·8 | 5·44 | 0·18 | 0·46 | Nottingham. |
| Derby | 104,834 | 61 | 41 | 7 | 9 | – | 1 | – | – | 1 | 2 | – | 1 | 8 | 4 | – | 20·4 | 2·0 | – | – | – | – | – | – | Derby. |
| Birkenhead | 113,189 | 57 | 38 | 6 | 8 | – | 2 | – | – | 1 | 1 | – | 1 | 2 | 4 | – | 17·5 | 1·8 | – | – | – | – | – | – | Birkenhead. |
| Liverpool | 633,645 | 427 | 284 | 60 | 48 | – | 2 | 7 | 6 | 9 | 1 | – | 11 | 17 | 57 | 11 | 23·4 | 2·1 | 55·8 | 32·4 | 42·4 | 5·78 | 0·37 | 0·94 | Liverpool. |
| Bolton | 122,495 | 83 | 48 | 12 | 11 | – | – | – | 1 | 1 | 1 | 1 | 1 | 3 | 5 | – | 20·4 | 1·7 | – | – | – | – | – | – | Bolton. |
| Manchester | 539,079 | 337 | 212 | 53 | 41 | – | 2 | – | – | 4 | 1 | 4 | 9 | 20 | 38 | 1 | 20·5 | 1·1 | – | – | – | – | – | – | Manchester. |
| Salford | 215,702 | 150 | 89 | 24 | 19 | – | 1 | 1 | 3 | 4 | 1 | 5 | 1 | 2 | 24 | – | 21·5 | 3·6 | – | – | – | – | – | – | Salford. |
| Oldham | 148,288 | 69 | 44 | 12 | 10 | – | 2 | – | – | 2 | – | 1 | 2 | 3 | 4 | – | 15·5 | 1·8 | – | – | – | – | – | – | Oldham. |
| Burnley | 109,546 | 48 | 32 | 11 | 7 | – | – | – | 2 | – | – | – | 1 | 1 | – | 1 | 15·2 | 1·0 | – | – | – | – | – | – | Burnley. |
| Blackburn | 133,228 | 60 | 37 | 10 | 9 | – | – | – | 1 | – | – | 1 | 1 | 1 | 1 | – | 14·5 | 0·8 | – | – | – | – | – | – | Blackburn. |
| Preston | 116,356 | 66 | 31 | 5 | 4 | – | – | – | – | – | 1 | – | 2 | 3 | 5 | – | 13·9 | 0·4 | – | – | – | – | – | – | Preston. |
| Huddersfield | 102,454 | 47 | 42 | 6 | 6 | – | 2 | – | 2 | – | – | – | 5 | 7 | 3 | 1 | 21·4 | 2·0 | 52·8 | 29·0 | 40·1 | 4·50 | 0·59 | 1·50 | Huddersfield. |
| Halifax | 96,729 | 44 | 41 | 10 | 14 | – | 1 | 1 | – | – | – | – | 2 | 3 | 9 | 2 | 22·1 | 1·1 | – | – | – | – | – | – | Halifax. |
| Bradford | 233,737 | 108 | 89 | 8 | 23 | – | – | – | – | 1 | – | 2 | 4 | 11 | 11 | – | 19·9 | 0·7 | 55·2 | 31·8 | 42·8 | 6·00 | 0·39 | 0·99 | Bradford. |
| Leeds | 416,618 | 231 | 137 | 33 | 33 | – | – | 4 | 2 | 4 | 1 | – | 2 | 15 | 11 | – | 17·1 | 1·4 | – | – | – | – | – | – | Leeds. |
| Sheffield | 356,478 | 212 | 125 | 37 | 22 | – | 5 | 1 | – | 3 | 2 | 1 | 5 | 7 | 14 | 5 | 18·3 | 1·8 | – | – | – | – | – | – | Sheffield. |
| Hull | 229,887 | 140 | 80 | 15 | 28 | – | 3 | – | – | – | 2 | – | 2 | 6 | 12 | 2 | 18·1 | 1·1 | 55·0 | 32·0 | 42·2 | 5·67 | 0·36 | 0·91 | Hull. |
| Sunderland | 143,849 | 94 | 41 | 9 | 11 | – | 1 | – | – | – | – | – | – | 1 | 6 | 1 | 14·9 | 0·4 | – | – | – | – | – | – | Sunderland. |
| Gateshead | 103,775 | 63 | 40 | 15 | 5 | – | 5 | – | – | – | – | – | 1 | 4 | 4 | 1 | 20·1 | 2·5 | – | – | – | – | – | – | Gateshead. |
| Newcastle | 223,021 | 119 | 76 | 18 | 13 | – | 1 | 1 | 2 | 1 | 1 | – | 5 | 8 | 18 | 1 | 17·8 | 1·4 | – | – | – | – | – | – | Newcastle. |

* See note * on first page of this return.

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the SEVENTH Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2569 | 2511 | 2793 | 2655 | 2233 | 2762 | 2602 | 2737 | 2575 | 2621 | 2742·1 | 2527 |
| Males | 1298 | 1334 | 1461 | 1347 | 1150 | 1399 | 1300 | 1402 | 1336 | 1319 | 1404·4 | 1244 |
| Females | 1271 | 1177 | 1332 | 1308 | 1083 | 1363 | 1302 | 1335 | 1239 | 1302 | 1337·7 | 1283 |
| TOTAL **Deaths** | 1639 | 1516 | 1809 | 1762 | 1693 | 1556 | 1552 | 2437 | 1727 | 1524 | 1820·0 | 1856 |
| Males | 841 | 744 | 904 | 940 | 866 | 767 | 784 | 1203 | 869 | 787 | 916·1 | 918 |
| Females | 848 | 772 | 905 | 822 | 827 | 789 | 768 | 1264 | 858 | 737 | 903·9 | 938 |

* The numbers in this column are the average weekly numbers in the seventh week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | Nov. 27. | Dec. 4. | Dec. 11. | Dec. 18. | Dec. 25. | Jan. 1. | Jan. 8. | Jan. 15. | Jan. 22. | Jan. 29. | Feb. 5. | Feb. 12. | Feb. 19. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2523 | 2459 | 2489 | 2623 | 2106 | 2363 | 3001 | 2703 | 2631 | 2639 | 2603 | 2843 | 2527 |
| TOTAL **Deaths** | 1793 | 1725 | 1866 | 1796 | 1555 | 2360 | 1990 | 1982 | 2021 | 1764 | 1861 | 1922 | 1856 |
| Ages at Death: Under 1 year | 417 | 399 | 411 | 362 | 339 | 443 | 345 | 373 | 404 | 358 | 385 | 366 | 392 |
| 1–5 years | 342 | 303 | 353 | 313 | 277 | 456 | 361 | 353 | 367 | 306 | 298 | 318 | 318 |
| 5–20 " | 107 | 89 | 84 | 108 | 82 | 111 | 90 | 85 | 76 | 72 | 92 | 93 | 75 |
| 20–40 " | 210 | 190 | 202 | 198 | 187 | 267 | 231 | 225 | 203 | 206 | 204 | 230 | 221 |
| 40–60 " | 324 | 315 | 343 | 316 | 262 | 436 | 389 | 385 | 366 | 341 | 335 | 342 | 334 |
| 60–80 " | 320 | 341 | 373 | 410 | 321 | 544 | 472 | 470 | 490 | 372 | 438 | 467 | 423 |
| 80 years and upwards | 73 | 88 | 100 | 89 | 87 | 103 | 102 | 91 | 115 | 109 | 109 | 106 | 93 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Measles | 120 | 108 | 122 | 134 | 112 | 166 | 130 | 134 | 130 | 79 | 80 | 87 | 100 |
| Scarlet Fever | 26 | 21 | 18 | 19 | 9 | 11 | 19 | 15 | 17 | 17 | 12 | 19 | 9 |
| Diphtheria | 63 | 52 | 58 | 63 | 56 | 53 | 50 | 44 | 33 | 36 | 42 | 45 | 33 |
| Whooping-cough | 35 | 38 | 46 | 45 | 57 | 76 | 65 | 76 | 69 | 84 | 64 | 67 | 53 |
| Typhus | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Enteric Fever | 21 | 16 | 14 | 23 | 5 | 14 | 10 | 9 | 8 | 9 | 8 | 6 | 8 |
| Simple Continued Fever | – | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| Diarrhœa and Dysentery | 13 | 15 | 12 | 11 | 6 | 13 | 10 | 10 | 7 | 10 | 17 | 12 | 8 |
| Cholera | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| All the above Diseases | 279 | 250 | 270 | 295 | 245 | 333 | 284 | 288 | 264 | 236 | 224 | 236 | 211 |
| Dis. of Respiratory System | 471 | 418 | 468 | 458 | 353 | 700 | 533 | 516 | 567 | 471 | 471 | 468 | 438 |
| Phthisis | 164 | 147 | 168 | 157 | 160 | 201 | 180 | 212 | 170 | 159 | 163 | 192 | 180 |
| Dis. of Circulatory System | 152 | 164 | 151 | 151 | 131 | 167 | 186 | 161 | 153 | 135 | 126 | 164 | 141 |
| Violence | 74 | 58 | 64 | 60 | 79 | 117 | 79 | 77 | 87 | 52 | 78 | 61 | 77 |
| Inquest Cases | 169 | 144 | 153 | 146 | 158 | 251 | 205 | 173 | 167 | 130 | 153 | 159 | 169 |
| Deaths in Public Institutions | 499 | 461 | 532 | 513 | 413 | 603 | 533 | 533 | 523 | 478 | 538 | 532 | 551 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean | 43°·4 | 39°·0 | 41°·7 | 46°·2 | 35°·8 | 45°·1 | 43°·4 | 41°·8 | 45°·1 | 42°·4 | 44°·0 | 43°·0 | 42°·7 |
| Mean of Highest readings | 48·0 | 44·0 | 47·5 | 50·8 | 40·3 | 48·7 | 48·9 | 44·6 | 48·1 | 45·2 | 49·4 | 48·3 | 47·6 |
| Mean of Lowest readings | 38·2 | 32·7 | 36·4 | 40·1 | 30·0 | 40·7 | 37·1 | 37·6 | 40·9 | 39·8 | 39·6 | 37·8 | 38·3 |
| Humidity of the Air | 91 | 79 | 82 | 87 | 88 | 87 | 89 | 85 | 91 | 80 | 79 | 81 | 80 |
| Rain-fall (in inches) | 0·38 | 0·15 | 0·86 | 0·63 | 0·02 | 0·66 | 0·49 | 0·00 | 0·12 | 0·00 | 0·28 | 0·20 | 0·35 |
| Registered Sunshine (in hours) | 7·9 | 14·3 | 9·1 | 13·5 | 12·9 | 5·0 | 11·1 | 3·5 | 3·4 | 2·2 | 10·2 | 7·0 | 9·4 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Scarlet Fever | 3818 | 3812 | 3806 | 3733 | 3619 | 3572 | 3450 | 3253 | 3149 | 3061 | 2964 | 2871 | 2781 |
| Diphtheria | 1052 | 1055 | 1110 | 1109 | 1086 | 1070 | 1062 | 1023 | 1045 | 1062 | 1044 | 1042 | 1058 |
| Enteric Fever | 155 | 155 | 151 | 138 | 129 | 116 | 111 | 110 | 109 | 106 | 96 | 93 | 87 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton: A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; Arthur Brown. Esq., M.Inst. C.E., and P. Boobbyer .Esq.. M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the SEVENTH Week of the Year 1898.

| CAUSES OF DEATH. | Corrected Averages for the 7th Week of the 10 years 1888-97*. | In the Week ending Saturday, 19th February 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| CAUSES - - - | 1820·0 | 1856 | 392 | 318 | 75 | 221 | 334 | 423 | 93 |
| all-pox { Vaccinated† - | – | – | – | – | – | – | – | – | – |
| all-pox { Unvaccinated | 0·1 | – | – | – | – | – | – | – | – |
| all-pox { No Statement | 0·2 | – | – | – | – | – | – | – | – |
| asles - - - - | 34·7 | 100 | 21 | 77 | 2 | – | – | – | – |
| arlet Fever - - - | 19·6 | 9 | 1 | 7 | – | 1 | – | – | – |
| phus - - - - | 0·2 | – | – | – | – | – | – | – | – |
| apsing Fever - - | – | – | – | – | – | – | – | – | – |
| uenza - - - - | 22·7 | 87 | 4 | 5 | 4 | 11 | 21 | 34 | 8 |
| ooping-cough - - | 71·5 | 33 | 24 | 28 | – | 1 | – | – | – |
| phtheria - - | 37·9 | 33 | – | 21 | 11 | 1 | – | – | – |
| ple Continued and ill-defined Fever - | 0·1 | – | – | – | – | – | – | – | – |
| eric Fever - - - | 9·7 | 8 | – | – | 3 | 2 | 2 | 1 | – |
| olera and Chol. Diarr. | 0·1 | – | – | – | – | – | – | – | – |
| arrhœa, Dysentery - | 11·8 | 8 | 5 | 1 | – | – | – | 1 | 1 |
| mittent Fever - - | 0·3 | – | – | – | – | – | – | – | – |
| drophobia - - - | – | – | – | – | – | – | – | – | – |
| nders - - - - | – | – | – | – | – | – | – | – | – |
| ypox and Effects of vaccination - - | 0·2 | – | – | – | – | – | – | – | – |
| nereal Affections - - | 10·7 | 12 | 7 | 1 | – | 3 | – | – | 1 |
| ysipelas - - - | 3·7 | 3 | 1 | – | – | – | – | 1 | 1 |
| æmia and Septicæmia | 2·1 | 1 | – | – | – | – | 1 | – | – |
| erperal Fever - - | 6·0 | 3 | – | – | – | 3 | – | – | – |
| her Zymotic Diseases | 1·8 | 2 | – | 1 | – | – | – | 1 | – |
| rush - - - - | 1·1 | 2 | 2 | – | – | – | – | – | – |
| orms and other Parasitical Diseases - | 0·2 | – | – | – | – | – | – | – | – |
| rvation, Want of Breast-milk - - | 1·6 | 4 | 3 | 1 | – | – | – | – | – |
| oholism - - - | 8·7 | 11 | – | – | – | 5 | 6 | – | – |
| eumatic Fever, Rheumatism of Heart | 7·8 | 4 | – | – | 2 | 1 | 1 | – | – |
| eumatism - - - | 2·3 | 5 | – | – | – | – | 1 | 4 | – |
| out - - - - - | 4·1 | 1 | – | – | – | – | – | 1 | – |
| ckets - - - - | 6·2 | 9 | 3 | 6 | – | – | – | – | – |
| ncer - - - - | 66·9 | 76 | 1 | – | – | 9 | 35 | 31 | – |
| bes Mesenterica - - | 19·6 | 22 | 6 | 10 | 1 | 2 | 1 | 2 | – |
| bercular Meningitis - | 22·4 | 23 | 7 | 11 | 3 | 2 | – | – | – |
| thisis - - - - | 173·1 | 180 | 3 | 9 | 13 | 78 | 67 | 10 | – |
| rofula, Tuberculosis - | 19·4 | 18 | 6 | 5 | 2 | 4 | 1 | – | – |
| her Constitutional Diseases - - | 13·6 | 21 | 2 | 1 | 4 | 3 | 3 | 8 | – |
| emature Birth - - | 48·9 | 45 | 45 | – | – | – | – | – | – |
| electasis - - - | 2·7 | 5 | 5 | – | – | – | – | – | – |
| ngenital Malformations - - - | 9·0 | 14 | 14 | – | – | – | – | – | – |
| d Age - - - - | 61·3 | 48 | – | – | – | – | – | 25 | 23 |
| oplexy - - - | 48·8 | 37 | – | – | – | 3 | 11 | 16 | 7 |
| pilepsy - - - - | 7·7 | 8 | – | – | – | 5 | 2 | 1 | – |
| onvulsions - - - | 43·6 | 37 | 31 | 6 | – | – | – | – | – |
| her Diseases of Brain and Nervous System | 101·7 | 102 | 17 | 10 | 3 | 9 | 19 | 37 | 7 |
| iseases of Organs of Special Sense - | 2·4 | 2 | 1 | 1 | – | – | – | – | – |

| CAUSES OF DEATH | Corrected Averages for the 7th Week of the 10 years 1888-97*. | In the Week ending Saturday, 19th February 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 154·4 | 141 | 1 | 2 | 5 | 21 | 48 | 60 | 4 |
| Croup - - - - | 8·5 | 1 | – | 1 | – | – | – | – | – |
| Bronchitis - - - | 288·5 | 262 | 50 | 34 | – | 5 | 37 | 108 | 28 |
| Pneumonia - - - | 134·2 | 137 | 34 | 47 | 4 | 13 | 17 | 20 | 2 |
| Pleurisy - - - - | 7·4 | 8 | – | 1 | 2 | 1 | 1 | 3 | – |
| Other Diseases of Respiratory System - | 39·7 | 30 | 4 | 5 | – | 3 | 6 | 8 | 4 |
| Dentition - - - - | 13·3 | 13 | 8 | 5 | – | – | – | – | – |
| Quinsy, Sore Throat - | 2·2 | – | – | – | – | – | – | – | – |
| Enteritis - - - - | 11·6 | 14 | 9 | 2 | 1 | – | 1 | 1 | – |
| Peritonitis - - - | 4·8 | 6 | – | – | 1 | – | 3 | 2 | – |
| Diseases of Liver - - | 22·4 | 24 | 1 | 1 | 1 | 3 | 12 | 6 | – |
| Other Diseases of Digestive System | 32·5 | 24 | 8 | – | 2 | 2 | 5 | 6 | 1 |
| Diseases of Lymphatic System & of Ductless Glands - - - | 2·3 | 2 | – | 1 | 1 | – | – | – | – |
| Diseases of Urinary System - - - | 47·7 | 60 | 1 | 1 | 4 | 11 | 19 | 21 | 3 |
| Diseases of Generative System - - - | 6·1 | – | – | – | – | – | – | – | – |
| Accidents of Childbirth - | 6·1 | 4 | – | – | – | 3 | 1 | – | – |
| Diseases of Locomotive System - - - | 7·3 | 2 | – | – | – | 2 | – | – | – |
| Diseases of Integumentary System - - | 4·4 | 10 | 2 | 1 | – | 1 | 1 | 4 | 1 |
| VIOLENT DEATHS‡ (ACCIDENT.) | | | | | | | | | |
| By Railways - - - | 52·5 | 4 | – | – | – | 2 | 1 | 1 | – |
| By Vehicles or Horses - | | 8 | – | – | 3 | 1 | 2 | 2 | – |
| In Ships, Boats, Docks. (exclusive of Drowning) - - - | | – | – | – | – | – | – | – | – |
| In Building Operations - | | – | – | – | – | – | – | – | – |
| In Conflagrations - - | | – | – | – | – | – | – | – | – |
| By Burns, Scalds, Explosions - - | | 15 | 1 | 10 | 1 | 1 | – | 1 | 1 |
| By Drowning - - - | | 1 | – | – | – | – | 1 | – | – |
| By Suffocation in Bed - | | 10 | 10 | – | – | – | – | – | – |
| By Poisons or Poisonous Vapours - - | | 5 | – | 1 | – | 2 | 2 | – | – |
| Other or not stated causes - - - - | | 26 | 9 | 2 | 2 | 3 | 3 | 6 | 1 |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - | 0·8 | 1 | 1 | – | – | – | – | – | – |
| Suicide - - - - | 8·5 | 7 | – | – | – | 4 | 2 | 1 | – |
| Execution - - - | – | – | – | – | – | – | – | – | – |
| OTHER CAUSES - - | 58·3 | 48 | 44 | 3 | – | – | 1 | – | – |

* The numbers in this column are the average weekly deaths for the ten years 1888-97, raised by 5·230 per cent. for increase of population.

† Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

‡ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter or suicide. All such cases are classed under "accident."

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 19th February, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2527 | 1856 | 392 | 516 | - | 100 | 9 | 33 | 53 | - | 8 | - | 8 | 77 | 169 | 551 | 16 |
| WEST DISTRICTS - - - | 778,251 | 378 | 322 | 68 | 95 | - | 23 | - | 3 | 7 | - | - | - | 2 | 13 | 25 | 105 | 1 |
| NORTH DISTRICTS - - - | 1,040,694 | 561 | 408 | 79 | 131 | - | 24 | 3 | 14 | 8 | - | 2 | - | 2 | 18 | 40 | 114 | - |
| CENTRAL DISTRICTS - - - | 233,635 | 137 | 110 | 19 | 24 | - | 4 | - | 1 | 2 | - | 1 | - | 1 | 7 | 9 | 49 | - |
| EAST DISTRICTS - - - | 716,334 | 505 | 373 | 95 | 73 | - | 18 | - | 4 | 22 | - | 2 | - | 1 | 12 | 47 | 107 | - |
| SOUTH DISTRICTS - - - | 1,642,796 | 946 | 610 | 130 | 181 | - | 31 | 5 | 11 | 14 | - | 3 | - | 2 | 27 | 48 | 143 | 15 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | -- | - | 33 | 1 | 12 | - | - | 1 | - | - | - | - | - | - | - | - | 33 | - |
| WEST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 56 | 32 | 8 | 13 | - | 1 | - | - | - | - | - | - | - | - | - | 4 | - |
| St. John Paddington *H* - - G. | 33,510 | 9 | 12 | 2 | 5 | - | - | - | - | 1 | - | - | - | - | 3 | 4 | 4 | - |
| Kensington Town *Ww* - - W. | 122,164 | 57 | 54 | 10 | 19 | - | 2 | - | - | - | - | - | - | 1 | - | 3 | 18 | - |
| Brompton *H* - - - W. & C. | 48,301 | 13 | 17 | - | 5 | - | 1 | - | - | - | - | - | - | - | - | 1 | 5 | - |
| St. Peter Hammersmith - - W. | 9,097 | 3 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Paul Hammersmith *HH* W. & G. | 35,102 | 52 | 48 | 14 | 9 | - | 9 | - | - | 1 | - | - | - | - | 3 | 2 | 3 | - |
| Fulham *Ww* - - - W. & C. | 113,781 | 82 | 55 | 14 | 13 | - | 6 | - | 2 | - | - | - | - | - | 3 | 4 | 23 | 1 |
| Chelsea Kensal Town - C. | 21,450 | 12 | 4 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Chelsea North *WHHHHH* - C. | 42,057 | 20 | 29 | 2 | 10 | - | 1 | - | - | 2 | - | - | - | - | - | 2 | 21 | - |
| Chelsea South *HH* - - C. | 33,139 | 15 | 11 | 5 | 2 | - | - | - | - | - | - | - | - | - | 1 | 1 | 4 | - |
| May Fair *W* - - - - G. | 23,827 | 1 | 15 | - | 6 | - | - | - | - | - | - | - | - | - | 1 | 1 | 11 | - |
| Belgrave *WHHH* - - - C. | 56,140 | 19 | 19 | 4 | 7 | - | 1 | - | - | 3 | - | - | - | - | 1 | 4 | 6 | - |
| St. John Westminster *HH* - C. | 31,492 | 17 | 12 | 3 | 2 | - | 1 | - | - | - | - | - | - | 1 | - | 1 | 1 | - |
| St. Margaret Westminster *H*- C. | 22,097 | 4 | 7 | 2 | 1 | - | 1 | - | 1 | - | - | - | - | - | 1 | 1 | 4 | - |
| St. James Westminster *WHH* N. & G. | 23,050 | 14 | 4 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 4 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| NORTH DISTRICTS. | | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - - W. | 36,595 | 15 | 23 | 4 | 5 | - | - | - | 1 | - | - | - | - | 1 | 1 | 2 | 8 | - |
| Rectory Marylebone *W* G. & W. | 19,798 | 8 | 3 | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 24 | 12 | 4 | 3 | - | - | - | - | - | - | - | - | 1 | - | 2 | 4 | - |
| Christchurch Marylebone *H* - W. | 32,547 | 9 | 5 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| St. John Marylebone *HHH* W. | 32,611 | 9 | 10 | 1 | 5 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 30 | 25 | - | 8 | - | 1 | 2 | 6 | - | - | - | - | - | 1 | 1 | 16 | - |
| Regent's Park Pancras *HH* - W. | 37,341 | 16 | 12 | 5 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Tottenham-court *wHHH* - N. & W. | 26,757 | 14 | 13 | 5 | 1 | - | 1 | - | - | - | - | - | - | - | 2 | 2 | 4 | - |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 23 | 15 | 5 | 4 | - | - | - | - | - | - | 1 | - | - | 4 | 4 | 2 | - |
| Somers Town *HH* - - - N. | 32,161 | 30 | 17 | 5 | 3 | - | 1 | - | - | - | - | - | - | - | - | 1 | 3 | - |
| Camden Town *WH* - - N. | 16,669 | 5 | 25 | - | 17 | - | - | - | - | - | - | - | - | - | - | 1 | 19 | - |
| Kentish Town *WW* - - N. | 98,410 | 53 | 28 | 2 | 8 | - | 1 | - | - | 1 | - | - | - | - | 1 | 2 | 9 | - |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 50 | 53 | 9 | 20 | - | 4 | - | 1 | 3 | - | - | - | - | - | 5 | 22 | - |
| Islington South-west *H* - N. | 107,365 | 60 | 35 | 11 | 5 | - | 7 | 1 | - | - | - | - | - | - | 2 | 3 | 1 | - |
| Islington South-east - - N. | 66,549 | 30 | 23 | 7 | 4 | - | 1 | - | 2 | 2 | - | - | - | - | - | - | - | - |
| Highbury *HH* - - - N. | 64,577 | 35 | 17 | 5 | 7 | - | 1 | - | 1 | - | - | - | - | - | - | 3 | - | - |
| Stoke Newington *H* - N. | 33,485 | 20 | 9 | 1 | 5 | - | 1 | - | - | - | - | - | - | - | 1 | 1 | - | - |
| North Hackney - - E. & N. | 213,044 | 22 | 14 | 5 | 4 | - | 1 | - | - | - | - | - | - | - | 2 | 5 | - | - |
| Central Hackney *ww* - E. & N. | | 31 | 15 | - | 6 | - | - | - | 3 | 1 | - | - | - | - | - | - | 4 | - |
| South-west Hackney *HHH* E. & N. | | 38 | 22 | 5 | 5 | - | 2 | - | - | - | - | 1 | - | - | 1 | 1 | 8 | - |
| South-east Hackney *WwH* E. & N. | | 39 | 32 | 4 | 16 | - | 1 | - | - | 1 | - | - | - | - | 3 | 6 | 14 | - |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers are received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. The Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River; E. East London; and K. the Kent Company.

* See note † on first page of this Return.

LE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 19th February, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population. 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CENTRAL DISTRICTS. | | | | | | | | | | | | | | | | | | |
| George Bloomsbury - - N. | 16,110 | 2 | 6 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Giles South *WH* - - N. | 12,976 | 13 | 5 | – | 4 | – | – | – | – | – | – | – | – | – | – | 1 | 2 | – |
| Giles North *H* - - - N. | 9,151 | 3 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Martin-in-the-Fields *HH* N. & C. | 13,077 | 5 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| and *WHH* - - - - N. | 11,839 | 5 | 11 | – | 1 | – | 1 | – | – | – | – | 1 | – | – | 1 | 1 | 7 | – |
| *and Union Workhouse, Edmonton* | †*1,037* | – | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 2 | – |
| born *wHHHHHHH* - N. | 31,042 | 19 | 20 | 3 | 2 | – | 1 | – | 1 | – | – | – | – | – | – | 1 | 12 | – |
| James Clerkenwell - - N. | 15,777 | 8 | 2 | – | – | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| well Clerkenwell - - N. | 34,356 | 24 | 10 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| well-street - - - - N. | 16,069 | 15 | 3 | 2 | – | – | – | – | – | – | – | – | – | 1 | 1 | 1 | – | – |
| -road *HHHL* - - - N. | 29,897 | 30 | 20 | 10 | 3 | – | 1 | – | – | 1 | – | – | – | – | 2 | 2 | 8 | – |
| itecross-street - - - N. | 7,595 | 4 | 3 | – | – | – | – | – | – | 1 | – | – | – | – | – | – | – | – |
| sbury - - - - - N. | 4,035 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| *born Union Workhouse, Hitcham* - - - - | †*892* | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Botolph *H* - - N. & E. | 6,870 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| prlegate - - - - N. | 3,299 | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Sepulchre *WH* - - - N. | 9,591 | 3 | 13 | – | 4 | – | – | – | – | – | – | – | – | – | 2 | 1 | 12 | – |
| hallows Barking - - - N. | 9,059 | 2 | 3 | – | 2 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| ad Street *H* - - - N. | 2,892 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| *of London Asylum, Stone* - - | †*388* | – | 5 | – | 3 | – | – | – | – | – | – | – | – | – | – | – | 5 | – |
| EAST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| rediteh South *Hl* - E. & N. | 17,975 | 8 | 9 | 1 | – | – | 1 | – | – | – | – | – | – | – | 1 | 2 | 3 | – |
| ton New Town *w* - - N. | 29,575 | 29 | 22 | 6 | 3 | – | 1 | – | – | 2 | – | – | – | – | – | 3 | 3 | – |
| ton Old Town - - - N. | 27,645 | 19 | 12 | 5 | – | – | – | – | – | 2 | – | 1 | – | – | – | 2 | – | – |
| gerston *WH* - - N. & E. | 47,163 | 28 | 30 | 8 | 7 | – | 1 | – | – | 2 | – | 1 | – | – | 2 | 4 | 9 | – |
| nal Green North *H* - E. | 49,301 | 36 | 20 | 8 | 3 | – | – | – | – | 5 | – | – | – | – | – | 5 | – | – |
| nal Green South - - E. | 34,194 | 30 | 13 | 3 | 1 | – | 1 | – | – | 3 | – | – | – | – | – | 1 | – | – |
| nal Green East *WHl* - E. | 45,667 | 40 | 23 | 5 | 5 | – | – | – | 1 | 1 | – | – | – | – | – | 1 | 12 | – |
| alfields - - - E. & N. | 26,681 | 22 | 4 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| e End New Town *W* - E. | 12,816 | 13 | 10 | 1 | 1 | – | – | – | – | – | – | – | – | – | 1 | 4 | 7 | – |
| techapel Church *H* - E. & N. | 25,561 | 15 | 34 | 5 | 4 | – | 2 | – | 1 | – | – | – | – | – | 5 | 8 | 28 | – |
| dman's Fields - - - E. | 13,618 | 5 | 5 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| George's North - - - E. | 39,576 | 20 | 16 | 7 | 2 | – | – | – | – | 1 | – | – | – | – | 1 | 2 | – | – |
| John, St. George East *W* E. | 7,930 | 10 | 7 | – | 2 | – | 1 | – | – | – | – | – | – | – | – | 1 | 3 | – |
| dwell *H* - - - E. & N. | 10,434 | 7 | 14 | 5 | – | – | 1 | – | – | – | – | – | – | – | – | 1 | 10 | – |
| cliff *W* - - - - E. | 14,954 | 13 | 7 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| ehouse - - - - - E. | 32,917 | 25 | 12 | 6 | 2 | – | 2 | – | – | 1 | – | – | – | – | – | 2 | – | – |
| e End Old Town West *H* E. | 111,060 | 45 | 24 | 4 | 6 | – | – | – | – | 1 | – | – | – | – | – | 2 | 1 | – |
| e End Old Town East *Www* - E. | | 45 | 35 | 10 | 13 | – | 4 | – | – | – | – | – | – | – | 1 | 2 | 13 | – |
| *l* - - - - E. | 41,687 | 19 | 18 | 5 | 5 | – | – | – | 1 | 2 | – | – | – | – | – | – | 2 | – |
| mley *wwwH* - - - E. | 69,821 | 43 | 32 | 6 | 9 | – | 1 | – | 1 | 1 | – | – | – | – | – | 3 | 15 | – |
| lar *WW* - - - - E. | 57,759 | 33 | 26 | 5 | 6 | – | 3 | – | – | 1 | – | – | – | 1 | 1 | 3 | 1 | – |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 19th February, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Continued Fever. | Simple Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WHL*.&S. | 13,064 | 8 | 5 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | 2 |
| St. Saviour Southwark - - S. | 12,301 | 7 | 4 | 2 | – | – | – | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| Kent-road - - - - S. & L. | 22,879 | 17 | 9 | 3 | – | – | 1 | – | – | – | – | – | – | – | – | – | 1 | – | 1 |
| Borough-road *WH* - S. & L. | 16,083 | 5 | 13 | 4 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | 3 | 4 | – |
| London-road *HL* - - L. & S. | 21,316 | 9 | 6 | – | – | – | – | – | – | – | – | 1 | – | – | – | – | – | – | – |
| Trinity Newington - - S. & L. | 28,723 | 15 | 7 | 2 | – | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| St. Peter Walworth *W* - S. & L. | 62,045 | 36 | 17 | 2 | 8 | – | – | 1 | – | – | – | – | – | – | – | 1 | 2 | 1 | – |
| St. Mary Newington- - L. & S. | 30,171 | 22 | 9 | 3 | 2 | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – |
| St. Olave *WH*- - - - S. | 11,731 | 12 | 15 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | 4 | 4 | 11 | 1 |
| Leather Market *W* - S. & L. | 32,339 | 23 | 11 | 5 | 1 | – | 2 | – | – | – | – | – | – | – | – | 1 | 2 | – | 1 |
| St. James Bermondsey - - S. | 53,136 | 38 | 12 | 4 | 5 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Rotherhithe *WwH* - S. & K. | 40,379 | 22 | 23 | 3 | 8 | – | 1 | – | – | – | – | – | – | – | – | – | – | 10 | 1 |
| Waterloo-road *HH* - L. & S. | 28,396 | 25 | 9 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 10 | 19 | 4 | 3 | – | – | – | – | – | – | – | – | – | – | 5 | 5 | 17 | 1 |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 30 | 17 | – | 8 | – | 1 | – | – | – | – | – | – | – | – | 1 | 1 | 9 | – |
| Kennington 1st *H* - - S. & L. | 52,486 | 38 | 15 | 3 | 6 | – | 2 | – | – | – | – | – | – | – | – | – | 1 | – | – |
| Kennington 2nd - - S. & L. | 43,244 | 21 | 12 | 3 | 4 | – | – | – | – | 1 | – | – | – | – | – | 1 | 1 | – | 1 |
| Brixton *w* - - - L. & S. | 81,825 | 35 | 25 | 10 | 6 | – | 1 | – | – | 3 | – | – | – | – | – | – | – | – | 1 |
| Norwood *WH*- - - - L. | 29,318 | 11 | 8 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| East Battersea - - - - S. | 71,730 | 41 | 23 | 10 | 3 | – | 3 | – | – | 1 | – | – | – | – | – | 1 | 6 | – | – |
| West Battersea *WwH* - - S. | 93,385 | 57 | 32 | 7 | 12 | – | 1 | 1 | 1 | – | – | – | – | – | 1 | – | 2 | 13 | – |
| Clapham *H* - - - - S. | 46,953 | 23 | 13 | 2 | 6 | – | – | – | – | – | – | – | – | – | – | 2 | 2 | 1 | – |
| Wandsworth *WHHL* - - S. | 58,101 | 28 | 14 | 2 | 5 | – | 2 | – | 1 | 2 | – | – | – | – | – | 2 | 2 | – | – |
| Putney - - - - - S. | 20,566 | 8 | 7 | – | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Streatham *Wwww*- - - L. | 61,644 | 34 | 21 | 4 | 10 | – | 1 | – | 1 | – | – | – | – | – | – | 2 | 4 | 6 | – |
| Dulwich - - - - L. & S. | 7,519 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Camberwell *Wwll* - S. & L. | 90,286 | 54 | 59 | 7 | 22 | – | 1 | – | 1 | – | – | – | – | – | – | – | 3 | 26 | 1 |
| Peckham *WW* - S., L., & K. | 88,242 | 53 | 30 | 7 | 8 | – | 1 | – | – | 1 | – | – | – | – | – | 1 | 2 | 1 | 3 |
| St. George Camberwell - L. & S. | 67,029 | 37 | 25 | 8 | 5 | – | 1 | – | – | 1 | – | – | – | – | – | – | – | – | – |
| Deptford North - - - K. | 36,152 | 27 | 8 | 4 | – | – | 1 | – | – | – | – | – | – | – | 1 | – | – | – | – |
| Deptford Central *w* - - K. | 45,441 | 40 | 12 | 3 | 4 | – | – | – | 1 | 1 | – | 1 | – | – | – | – | – | 3 | – |
| Deptford South - - - K. | 33,402 | 7 | 8 | 1 | 4 | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – |
| Greenwich West *H* - - K. | 23,012 | 16 | 6 | – | 2 | – | – | – | – | – | – | – | – | – | – | 2 | 2 | 1 | – |
| Greenwich East *WH* - - K. | 37 767 | 24 | 28 | 6 | 8 | – | 4 | 1 | – | 2 | – | – | – | – | – | 2 | 2 | 15 | 1 |
| Eltham *wH* - - - - K. | 5,911 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Lee *H* - - - - - K. | 24,222 | 9 | 4 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Lewisham *WwH* - - - K. | 38,139 | 26 | 22 | 5 | 8 | – | 1 | – | 1 | 1 | – | – | – | – | – | – | – | 8 | – |
| Sydenham *H* - - - - L. | 37,601 | 24 | 9 | 1 | 6 | – | – | – | – | 1 | – | – | – | – | – | – | – | 1 | – |
| Charlton *wHH* - - K. | 15,928 | 7 | 14 | – | 4 | – | – | 2 | 3 | – | – | 1 | – | – | 1 | 1 | 7 | – | |
| Woolwich Dockyard - - K. | 19,355 | 7 | 6 | 3 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | 1 |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 16 | 7 | – | – | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – |
| Plumstead West *H* - - K. | 16,714 | 10 | 7 | 3 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Plumstead East *WH* - - K. | 42,538 | 13 | 19 | 2 | 6 | – | 1 | – | – | – | – | – | – | – | – | – | – | 9 | – |
| Banstead Asylum - - - - | — | – | 7 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | 7 | – |
| Caterham Asylum - - - - | — | – | 7 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | 7 | – |
| Cane Hill Asylum - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Hospital Ships and Camp, Dartford | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Darenth Asylum - - - - | — | – | 3 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | 3 | – |
| Hanwell Asylum - - - - | — | – | 5 | – | 4 | – | – | – | – | – | – | – | – | – | – | – | – | 5 | – |
| Colney Hatch Asylum - - - | — | – | 5 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | 5 | – |
| N.E. Hospital - - - - - | — | – | 1 | 1 | – | – | – | 1 | – | – | – | – | – | – | – | – | – | 1 | – |
| Winchmore Hill Hospital - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Leavesden Asylum - - - - | — | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Claybury Asylum - - - - | — | – | 4 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | 4 | – |

6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, OSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week nding Saturday, 19th February, 1898.

| REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years & upwds. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NDON—OUTER RING - | 368,749 | 1,422,063 | 1,024 | 536 | 120 | 176 | – | 13 | 4 | 18 | 9 | 4 | 2 | 17 | 36 | 63 | 9 |
| Carshalton *wHH* - - | 12,228 | 26,108 | 14 | 11 | 1 | 3 | – | – | – | – | – | – | – | – | 1 | – | – |
| Epsom, *part of** *WwHH* - | 10,423 | 12,508 | 9 | 4 | – | 1 | – | – | – | – | – | – | – | – | – | 1 | – |
| Godstone, *part of** *W* - | 2,754 | 1,598 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Croydon *WwHHH* - - | 20,851 | 128,699 | 72 | 60 | 12 | 29 | – | 2 | – | 2 | – | 1 | – | 3 | 8 | 13 | – |
| Mitcham *w* - - - | 11,697 | 23,088 | 7 | 4 | – | 2 | – | – | – | – | – | – | – | – | – | – | – |
| Wimbledon *HHH* - - | 3,220 | 25,761 | 18 | 6 | 2 | 2 | – | – | – | – | – | – | – | 1 | 1 | – | – |
| Kingston *W* - - - | 8,071 | 33,566 | 15 | 13 | 1 | 6 | – | 1 | – | 2 | 1 | – | – | – | – | 4 | – |
| Surbiton *H*- - - - | | 11,199 | 2 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Esher, *part of** *HH* - - | 6,601 | 12,059 | 10 | 3 | – | 2 | – | – | – | 1 | – | – | – | – | – | – | – |
| Hampton *HL* - - - | 4,565 | 18,252 | 9 | 6 | – | 4 | – | – | – | – | – | – | – | – | – | – | – |
| Richmond *WH*- - - | 2,160 | 25,389 | 13 | 11 | 4 | 3 | – | 1 | – | – | – | – | – | – | – | 1 | – |
| Mortlake *H* - - - | 2,823 | 16,159 | 8 | 4 | 2 | – | – | – | – | – | – | – | – | – | – | – | – |
| Bromley *HHH* - - - | 9,127 | 23,815 | 17 | 7 | 1 | 5 | – | – | – | – | – | – | – | – | – | – | – |
| Beckenham *H* - - - | 6,542 | 21,969 | 12 | 7 | 3 | 2 | – | – | – | – | – | – | – | 1 | 1 | – | – |
| Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 15 | 6 | – | 4 | – | – | – | – | – | – | – | – | – | 4 | – |
| Bexley *HHH* - - - | 12,540 | 30,590 | 21 | 9 | 2 | 6 | – | – | – | 1 | – | – | – | – | – | – | – |
| Dartford *WH*, part of* - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Sunbury *w* - - - | 11,054 | 13,671 | 6 | 8 | 2 | 1 | – | – | – | – | – | – | – | – | – | 1 | – |
| Staines *WH* - - - | 13,277 | 13,221 | 8 | 6 | – | 2 | – | 1 | – | 1 | – | – | – | – | – | – | – |
| Hillingdon *WHH* - - | 6,035 | 12,237 | 6 | 7 | – | 4 | – | – | – | 1 | – | – | – | – | – | 4 | – |
| Uxbridge - - - - | 12,757 | 7,253 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Hayes *wH*- - - - | 7,952 | 11,051 | 8 | 1 | 1 | – | – | 1 | – | – | – | – | – | – | – | – | – |
| Isleworth *WHH* - - | 6,967 | 26,004 | 23 | 19 | 7 | 9 | – | – | – | – | – | – | 1 | – | – | 7 | 1 |
| Twickenham *HH* - - | 2,415 | 16,027 | 12 | 3 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Brentford *HHHH* - - | 4,318 | 37,777 | 17 | 17 | 5 | 4 | – | – | – | – | 2 | – | – | – | 1 | 1 | 1 |
| Chiswick - - - - | 1,245 | 21,963 | 9 | 5 | 1 | 2 | – | 1 | – | – | – | – | – | – | 1 | – | – |
| Acton *wH* - - - - | 6,132 | 30,945 | 24 | 11 | 5 | 1 | – | – | – | 1 | – | – | – | – | – | – | 2 |
| Harrow *HHH* - - - | 13,809 | 15,715 | 10 | 4 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| Edgware *HH* - - - | 6,994 | 3,844 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Willesden *HHH* - - | 4,383 | 61,265 | 66 | 28 | 3 | 11 | – | – | 1 | – | – | – | – | 2 | 2 | 3 | 1 |
| Hendon *WH* - - - | 8,382 | 15,843 | 12 | 6 | – | 4 | – | – | – | – | – | – | – | 1 | 1 | 1 | – |
| South Mimms *HH* - - | 15,599 | 8,474 | 9 | 5 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Barnet *WHH* - - - | 5,478 | 12,045 | 9 | 5 | 1 | 3 | – | – | – | – | – | – | – | – | – | 2 | – |
| Finchley *HHH*- - - | 4,688 | 25,820 | 10 | 7 | – | 3 | – | – | – | – | 1 | – | – | 1 | 1 | – | – |
| Hornsey *HH* - - - | 3,039 | 61,097 | 30 | 21 | 6 | 6 | – | 2 | – | – | – | – | – | – | – | – | – |
| Tottenham *HH*- - - | 4,642 | 97,174 | 82 | 24 | 9 | 6 | – | 1 | – | – | 1 | 1 | – | – | 3 | 1 | – |
| Edmonton *Www* - - | 7,489 | 36,351 | 40 | 19 | 6 | 7 | – | – | – | – | – | – | – | – | 2 | 5 | 1 |
| Enfield *WWHH* - - | 12,602 | 31,536 | 20 | 9 | 2 | 4 | – | – | – | – | 1 | – | – | – | – | – | – |
| Waltham Abbey - - - | 11,017 | 6,066 | 5 | 4 | 1 | – | – | 1 | – | – | – | – | – | – | – | – | – |
| Cheshunt *H* - - - | 8,480 | 9,620 | 5 | 2 | – | 2 | – | – | – | – | – | – | – | 1 | 1 | – | – |
| Hatfield, *part of** *W*- - | 3,306 | 582 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Bushey *H* - - - - | 9,331 | 7,737 | 1 | 5 | 1 | 1 | – | – | – | – | – | – | – | 1 | 1 | 1 | – |
| Watford *WH*, part of* - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Stratford *H* - - - | 1,100 | 42,983 | 45 | 14 | 4 | 3 | – | – | – | – | 1 | – | – | 1 | 1 | 1 | – |
| Plaistow *WHH*- - - | 1,242 | 58,030 | 54 | 26 | 6 | 2 | – | – | 1 | 2 | 1 | – | – | – | – | 2 | – |
| Canning Town *H* - - | 1,558 | 54,750 | 50 | 29 | 10 | 3 | – | – | – | 1 | – | 1 | – | 4 | 6 | – | 1 |
| Forest Gate *w* - - - | 806 | 49,140 | 35 | 13 | 1 | 4 | – | – | – | – | – | – | – | – | – | – | 2 |
| East Ham *wH*- - - | 3,266 | 32,713 | 47 | 21 | 7 | 6 | – | 1 | – | 1 | 1 | – | – | – | 1 | – | – |
| Leyton *WWWwH* - - | 4,334 | 70,188 | 49 | 23 | 5 | 7 | – | 1 | – | 1 | – | – | 1 | – | 1 | 5 | – |
| Walthamstow *HHL*- - | 6,501 | 57,330 | 54 | 19 | 4 | 3 | – | – | – | – | – | 1 | – | 1 | 1 | – | – |
| Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 2 | 3 | – | 1 | – | – | – | – | – | – | – | – | 1 | – | – |
| Epping *WH*, part of *- - | — | — | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | 1 | – |
| Romford, *part of** *WH* - | 6,556 | 4,324 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Ilford - - - - - | 8,493 | 10,913 | 17 | 8 | 3 | 3 | – | – | – | – | – | – | – | – | 1 | – | – |
| Barking Town, *H* - - | 3,814 | 14,301 | 12 | 6 | – | 1 | – | – | – | 2 | – | – | – | – | – | 1 | – |
| London Fever Hosp. - - | — | — | – | 1 | – | – | – | – | – | 1 | – | – | – | – | – | 1 | – |
| Eastern Fever Hosp. - - | — | — | – | 1 | – | – | – | – | – | 1 | – | – | – | – | – | 1 | – |
| South-eastern Fever Hosp. | — | — | – | 1 | – | – | – | – | 1 | – | – | – | – | – | – | 1 | – |
| North-eastern Fever Hosp. | — | — | – | 1 | – | – | – | – | 1 | – | – | – | – | – | – | 1 | – |

The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring as follows:—30: 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37: 1, the parishes of Warlingham Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst -district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in field sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping p. 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for ectious Diseases belonging to the Outer Ring in 42: 2, Dartford; 187: 2, Watford; and 187: 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 19th February, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | Annual Rate of Mortality per 1000 living. From All Causes. | Annual Rate of Mortality per 1000 living. From Diseases in Cols. 8-14. | Deaths from All Causes. | The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Deaths in Public |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. | 16 |
| GREATER LONDON | **443,421** | **6,408,321** | **19·5** | **2·1** | **2392** | **512** | **692** | – | **113** | **13** | **51** | **62** | **12** | **10** | **94** | **61** |
| INNER LONDON - | 74,672 | 4,504,766 | 21·5 | 2·4 | 1856 | 392 | 516 | – | 100 | 9 | 33 | 53 | 8 | 8 | 77 | 53 |
| OUTER RING - | 368,749 | 1,903,555 | 14·7 | 1·4 | 536 | 120 | 176 | – | 13 | 4 | 18 | 9 | 4 | 2 | 17 | 6 |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent to the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN, and in certain FOREIGN CITIES.

| CITIES | Population (enumerated or estimated). | Date of Return. Week ending | Births. (Exclusive of Stillborn) | Deaths. (Exclusive of Stillborn) | Annual Death-rate per 1000 living. | Deaths from Principal Zymotic Diseases. Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœal Diseases. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 295,628 | February 19 | 134 | 107 | 18·9 | – | 2 | 2 | 2 | 4 | – | [illegible] |
| GLASGOW - - | 724,349 | „ 19 | 424 | 302 | 21·7 | – | 13 | 5 | 2 | 13 | 5 | [illegible] |
| DUBLIN - - | 349,594 | „ 19 | 234 | 191 | 28·5 | – | – | 2 | 1 | 2 | 4 | [illegible] |
| CALCUTTA - - | 466,460 | January 15 | – | – | – | – | – | – | – | – | – | – |
| BOMBAY - - | 821,764 | „ 25 | 261 | 1708 | 108·1 | 1 | 8 | ? | ? | ? | 872‡ | 9 |
| MADRAS - - | 452,518 | „ 14 | 305 | 340 | 39·0 | 1 | 12 | ? | ? | ? | 113 | 6 |
| PARIS - - - | 2,511,629 | February 12 | 1157 | 1030 | 21·3 | – | 18 | – | 10* | 10 | 2 | 2 |
| BRUSSELS - - | 531,024 | „ 12 | 257 | 164 | 16·0 | – | – | 1 | 4* | 6 | – | [illegible] |
| AMSTERDAM - | 503,045 | „ 5 | 345 | 154 | 16·0 | – | – | – | 2 | 1 | 2 | – |
| ROTTERDAM - | 290,004 | „ 5 | 206 | 104 | 18·6 | – | 1 | – | 4 | 4 | – | – |
| THE HAGUE - | 191,529 | „ 5 | 123 | 51 | 13·8 | – | – | – | – | 1 | – | – |
| COPENHAGEN - | 340,500 | „ 12 | 208 | 102 | 15·6 | – | – | – | 1 | 2 | – | [illegible] |
| STOCKHOLM - | 274,611 | „ 5 | 122 | 90 | 17·0 | – | – | 4 | 5* | 1 | 1 | [illegible] |
| CHRISTIANIA - | 192,141 | „ 12 | 138 | 52 | 14·1 | – | 1 | – | – | 1 | – | [illegible] |
| ST. PETERSBURG | 954,400 | „ 12 | 563 | 590 | 32·2 | – | 9 | 26 | 39 | – | 32 | 5[illegible] |
| MOSCOW - - | 988,610 | „ 5 | – | 481 | 25·4 | 3 | 13 | 10 | 8 | 4 | 7 | 3[illegible] |
| BERLIN - - | 1,753,775 | January 29 | 910 | 514 | 15·2 | – | 3 | 9 | 14 | 12 | – | 2[illegible] |
| HAMBURG - - | 661,015 | February 12 | – | – | – | – | – | – | – | – | – | – |
| DRESDEN - - | 377,500 | January 15 | – | – | – | – | – | – | – | – | – | – |
| BRESLAU - - | 392,795 | February 12 | – | 179 | 23·8 | – | 2 | – | – | 2 | – | 1[illegible] |
| MUNICH - - | 430,000 | „ 12 | – | 181 | 21·9 | – | 3 | – | 6* | 4 | – | 2[illegible] |
| VIENNA - - | 1,574,129 | „ 12 | 956 | 551 | 18·2 | – | 16 | 7 | 18* | 1 | 3 | 2[illegible] |
| PRAGUE - - | 377,109 | „ 12 | 209 | 160 | 22·1 | – | 3 | 2 | 1 | – | 1 | [illegible] |
| BUDA-PESTH - | 648,104 | „ 5 | 434 | 255 | 20·5 | – | – | 4 | 1 | 1 | 5 | 1[illegible] |
| TRIESTE - - | 164,491 | „ 12 | 109 | 101 | 31·9 | – | – | – | 4* | – | – | [illegible] |
| ROME - - - | 489,965 | January 15 | 255 | 204 | 21·7 | – | 9 | – | 2 | – | 2§ | [illegible] |
| TURIN (10 days) | 344,203 | „ 10 | – | – | – | – | – | – | – | – | – | – |
| VENICE - - | 167,074 | February 5 | 75 | 117 | 36·5 | – | – | – | – | – | – | [illegible] |
| CAIRO - - | 374,838 | December 16 | 472 | 326 | 45·3 | 1 | – | – | 7* | – | 3 | 5[illegible] |
| ALEXANDRIA - | 231,396 | 16 | 259 | 163 | 36·7 | 1 | – | – | 1* | – | 3 | 3[illegible] |
| NEW YORK (including BROOKLYN) | 3,438,899 | January 29 | 1599 | 1121 | 17·0 | – | 24 | 24 | 50 | 8 | 5 | 1[illegible] |
| PHILADELPHIA - | 1,240,266 | February 5 | – | 451 | 19·0 | – | 8 | 6 | 30 | – | 16 | [illegible] |

* Including deaths from croup.
† Including 834 deaths from bubonic fever.
‡ Including 5 deaths from cholera in Bombay and 19 in Madras
§ Including 1 death from malarial fever

| 1898. Month and Day. | | Phases of the Moon. | Barometer. Mean daily reading (corrected and reduced to 32° Fahrenheit). | Temperature. Of the Air. High-est. | Low-est. | Daily Range. | Mean daily value. | Departure from Average of 50 years. | Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Great-est. | Least. | Degree of Humidity (Saturation equals 100). | Temperature. Of Radiation. Highest in Sun's Rays. | Lowest on the Grass. | Of the Earth 3 feet below the Surface. | Wind as deduced from Anemometers. Osler's. General Direction. A.M. | P.M. | Pressure on the Square Foot. Great-est. | Least. | Mean of 24 hourly obs. | Robinson's. Horizontal Movement of the Air on each Day. | Departure from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| February. | | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| Sunday - | 13 | .. | 29·950 | 47·3 | 40·1 | 7·2 | 43·4 | + 4·6 | 39·9 | 3·5 | 8·6 | 0·7 | 88 | 51·2 | 35·4 | 44·17 | SW., WSW. & NNE. | N., NW. & WSW. | 2·3 | 0·0 | 0·2 | 272 | − 38 | 0·15 | 3·8 |
| Monday - | 14 | Last Quarter. | 30·099 | 51·4 | 38·9 | 12·5 | 44·9 | + 5·7 | 39·7 | 5·2 | 12·8 | 2·9 | 82 | 71·2 | 34·3 | 44·43 | WSW. & W. | WNW., W. & WSW. | 2·9 | 0·0 | 0·4 | 362 | + 57 | 0·00 | 0·8 |
| Tuesday - | 15 | Greatest Dec. S. | 30·018 | 53·6 | 41·9 | 11·7 | 48·9 | + 9·3 | 43·7 | 5·2 | 7·8 | 1·3 | 82 | 62·8 | 36·2 | 44·49 | WSW. | WSW. | 6·8 | 0·0 | 1·2 | 559 | +258 | 0·00 | 3·0 |
| Wednesday | 16 | .. | 29·951 | 52·1 | 42·4 | 9·7 | 46·7 | + 6·9 | 35·4 | 11·3 | 15·4 | 4·8 | 65 | 78·9 | 38·1 | 44·65 | W. | W. & WNW. | 11·9 | 0·0 | 1·4 | 595 | +297 | 0·00 | 2·2 |
| Thursday - | 17 | Perigee | 29·901 | 46·1 | 40·3 | 5·8 | 42·9 | + 3·1 | 35·2 | 7·7 | 12·1 | 1·5 | 74 | 61·9 | 34·8 | 44·88 | NW. & WNW. | NW., W. & SW. | 5·3 | 0·0 | 0·4 | 340 | + 44 | 0·00 | 0·0 |
| Friday - | 18 | .. | 29·693 | 42·2 | 34·2 | 8·0 | 36·8 | − 2·9 | 35·1 | 1·7 | 3·2 | 1·2 | 94 | 44·5 | 28·2 | 44·93 | ENE. & NE. | NE. & N. | 1·2 | 0·0 | 0·1 | 219 | − 76 | 0·20 | 0·0 |
| Saturday - | 19 | .. | 29·668 | 40·4 | 30·2 | 10·2 | 35·3 | − 4·3 | 27·1 | 8·2 | 11·5 | 2·2 | 72 | 60·8 | 25·8 | 44·80 | N. & W. | W. & WSW. | 3·4 | 0·0 | 0·3 | 299 | + 3 | 0·00 | 0·0 |
| Means - | - | | 29·897 | 47·6 | 38·3 | 9·3 | 42·7 | + 3·2 | 36·6 | 6·1 | 10·2 | 2·1 | 80 | 61·6 | 33·3 | 44·62 | Variable. | | .. | .. | .. | Sum 2646 | Sum +545 | Sum 0·35 | 1·4 |
| No. of Column - | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| Date. February. | | Electricity. (For explanation of symbols, see Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | General Remarks. |
|---|---|---|---|---|---|
| Sunday - | 13 | w. P. till 9h. A.M ; v. N. and v. P. till 2h. P.M. ; m. P. generally afterwards. | 0·0 | 9·8 | Overcast ; frequent rain between 8h. A.M. and 1h. P.M. Great gloom shortly before 11h. A.M. |
| Monday - | 14 | w. P. till 9h. A.M. ; m. P. afterwards. | 1·9 | 9·9 | Overcast till 3h. A.M. : fine and partially cloudy afterwards. Cloudless at night. |
| Tuesday - | 15 | w. P. throughout - | 0·0 | 9·9 | Overcast ; gusty wind. |
| Wednesday | 16 | w. P. till 3h. A.M. ; m. P. till noon ; v. P. afterwards. | 5·2 | 10·0 | Fine ; partially cloudy. Brisk wind prevalent throughout the day. |
| Thursday - | 17 | v. P. till 9h. P.M. ; w. N. afterwards. | 0·2 | 10·1 | Cloudy ; occasional thin rain. |
| Friday - | 18 | v. P. & v. N. till 5h. P.M. ; s. P. afterwards. | 0·0 | 10·1 | Overcast with continuous steady rain till 4h. P.M. ; fine afterwards. Snow in afternoon. A cold day. |
| Saturday - | 19 | s. P. generally - | 2·1 | 10·2 | Fine and partially cloudy till afternoon ; cloudy afterwards. Hoar frost in morning. A very cold day. |
| | | | Sum 9·4 | Sum 70·0 | |
| No. of Col. - | - | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea ; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M. ; noon ; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are :—P. positive ; N. negative ; w. weak ; m. moderate ; s. strong ; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased from 30·00 in. at the beginning of the week to 29·94 in. by 10h. A.M. on the 13th ; increased to 30·19 in. by midnight on the 14th ; decreased to 29·91 in. by 3h. A.M. on the 16th ; increased to 30·01 in. by 5h. A.M. on the 17th ; decreased to 29·64 in. by 6h. A.M. on the 18th ; increased to 29·79 in. by 2h. A.M. on the 19th, and decreased to 29·43 in. by the end of the week.

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1898.

OFFICIAL COPY.

# WEEKLY RETURN
OF
# BIRTHS AND DEATHS IN LONDON
AND IN
## THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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No. 8. 1898. Vol. LIX.] Week ending Saturday, Feb. 26. [Price 1½*d.*

*General Register Office, Somerset House,*
*February 28th,* 1898.

### Thirty-three Great Towns.

The deaths registered last week in Thirty-three Great Towns of England and Wales corresponded to an annual rate of 20·9 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| Towns. | Weeks ending Feb. 5. | Feb. 12. | Feb. 19. | Feb. 26. | Towns. | Weeks ending Feb. 5. | Feb. 12. | Feb. 19. | Feb. 26. |
|---|---|---|---|---|---|---|---|---|---|
| **33 Great Towns** | **19·2** | **20·7** | **20·4** | **20·9** | Leicester - - | 16·2 | 18·0 | 16·0 | 21·0 |
| Birkenhead - | 18·0 | 18·4 | 17·5 | 20·3 | Liverpool - - | 20·2 | 21·1 | 23·4 | 24·7 |
| Birmingham - | 21·4 | 22·5 | 20·6 | 21·6 | London - - - | 21·5 | 22·2 | 21·5 | 21·9 |
| Blackburn - | 15·7 | 16·0 | 14·5 | 17·6 | Manchester - - | 17·3 | 22·3 | 20·5 | 21·8 |
| Bolton - - | 11·1 | 17·5 | 20·4 | 26·0 | Newcastle-on-Tyne | 15·9 | 21·3 | 17·8 | 18·9 |
| Bradford - | 14·1 | 14·9 | 19·9 | 14·5 | Norwich - - | 15·9 | 23·3 | 18·7 | 15·9 |
| Brighton - | 17·1 | 24·3 | 16·6 | 15·3 | Nottingham - - | 17·4 | 15·7 | 18·3 | 22·5 |
| Bristol - | 19·3 | 24·0 | 24·5 | 21·2 | Oldham - - | 20·4 | 17·9 | 15·5 | 15·8 |
| Burnley - | 18·1 | 15·7 | 15·2 | 20·5 | Plymouth - - | 23·7 | 26·3 | 22·1 | 17·4 |
| Cardiff - - | 18·2 | 14·1 | 22·9 | 17·3 | Portsmouth - - | 21·5 | 19·8 | 19·6 | 19·8 |
| Croydon - | 18·0 | 11·3 | 21·0 | 12·6 | Preston - - | 16·1 | 17·0 | 13·9 | 17·9 |
| Derby - - | 13·4 | 16·4 | 20·4 | 12·9 | Salford - - - | 17·6 | 21·3 | 21·5 | 21·3 |
| Gateshead - | 15·6 | 22·6 | 20·1 | 25·1 | Sheffield - - | 17·4 | 19·7 | 18·3 | 20·9 |
| Halifax - | 16·2 | 22·1 | 22·1 | 18·9 | Sunderland - - | 15·2 | 22·1 | 14·9 | 18·1 |
| Huddersfield- | 15·3 | 17·8 | 21·4 | 19·3 | Swansea - - | 15·8 | 26·1 | 25·0 | 22·5 |
| Hull - - | 17·5 | 18·4 | 18·1 | 18·4 | West Ham - - | 13·6 | 16·7 | 15·6 | 16·2 |
| Leeds - - | 18·4 | 17·3 | 17·1 | 22·3 | Wolverhampton - | 16·0 | 14·8 | 29·0 | 30·2 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·0 in Sheffield, 1·1 in Sunderland, 1·2 in London and in Wolverhampton, 1·7 in Brighton, 1·8 in Birkenhead, 4·1 in Bristol, and 6·0 in Leicester; and from *whooping-cough*, 1·2 in Newcastle-on-Tyne, 1·3 in Bolton, and 1·5 in Gateshead. In no case did the death-rate from *scarlet fever*, from "*fever*," or from *diarrhœa* reach 1·0 per 1000 in any of the thirty-three towns. The 69 deaths from *diphtheria* included 46 in London, 5 in Cardiff, and 3 in Liverpool. No death from *small-pox* was registered in any of the thirty-three towns.

### London.

In London† 2644 births and 1889 deaths were registered. Allowing for increase of population, the births were 125, and the deaths 62, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 21·5, 22·2, and

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

21·5 in the preceding three weeks, rose again last week to 21·9. During the four weeks ending on Saturday last the death-rate averaged 21·8 per 1000, being 0·3 per 1000 above the mean rate in the corresponding periods of the ten years 1888–97.

The 1889 deaths included 106 from measles, 11 from scarlet fever, 46 from diphtheria, 52 from whooping-cough, 9 from enteric fever, 8 from diarrhœa and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 232 deaths were referred to these diseases, being 31 above the corrected average weekly number.

The deaths from *measles*, which had been 80, 87, and 100 in the preceding three weeks, further rose last week to 106, and were 60 above the corrected average; 18 cases belonged to Islington, 9 to Woolwich, 8 to Battersea, 7 to Hammersmith, 7 to Poplar, 7 to Lambeth, 5 to Kensington, 4 to Paddington, 4 to Chelsea, and 4 to Westminster sanitary areas. The deaths from *scarlet fever*, which had been 12, 19, and 9 in the preceding three weeks, rose again last week to 11, but were 6 below the corrected average. The deaths from *diphtheria*, which had been 42, 45, and 33 in the preceding three weeks, rose again last week to 46, and were 6 above the corrected average; 10 cases belonged to Hackney and 4 to Islington sanitary areas. The deaths from *whooping-cough*, which had been 64, 67, and 53 in the preceding three weeks, were 52 last week, the corrected average being 72; 7 cases belonged to Bethnal Green, 5 to Hackney, 5 to Islington, and 5 to Poplar sanitary areas. The fatal cases of *enteric fever*, which had been 8, 6, and 8 in the preceeding three weeks, were 9 last week, being equal to the corrected average; 2 cases belonged to Camberwell sanitary area. The deaths from *diarrhœa*, which had been 17, 12, and 8 in the preceding three weeks, were again 8 last week, the corrected average being 16. The deaths referred to diseases of the respiratory organs, which had been 471, 468, and 438 in the preceding three weeks, further fell last week to 416, and were 124 below the corrected average. The deaths attributed directly to *influenza* numbered 81, having been 102, 98, and 87 in the preceding three weeks.

Different forms of violence caused 74 deaths, concerning all but 1 of which inquests were held. Of these 74 deaths, 7 were cases of suicide, and 3 of homicide, while the remaining 64 were attributed to accident or negligence. Six of these were referred to vehicles in the streets, 9 to burns and scalds, and 14 (of infants under one year of age), to suffocation in bed.

## Cases of Infectious Sickness in Hospitals.*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2674 cases of scarlet fever, 1061 of diphtheria, and 84 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 199 cases, against 209, 232, and 233; of diphtheria, 125 cases, against 155, 135, and 147; and of enteric fever, 7 cases, against 9, 15, and 14.

## Greater London.

In Greater London 3677 births and 2417 deaths were registered, corresponding to annual rates of 29·9 and 19·7 per 1000 of the estimated population. In the Outer Ring 18 deaths from measles, 3 from scarlet fever, 23 from diphtheria, 16 from whooping-cough, 1 from "fever," and 3 from diarrhœa were registered. Seven deaths from measles occurred in Kingston district 6 deaths from diphtheria occurred in West Ham district, 4 in Edmonton district, 3 in Hendon district, and 3 in Bexley sub-district.

## Meteorology.

The mean reading of the Barometer last week at Greenwich was 29·55 inches, and that of the Thermometer 37°·6, the latter being 2°·1 below the week's average in the 50 years 1841–90. The direction of the wind was variable, the horizontal movement of the air being 3 per cent. above the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 25·8 hours; the measured rainfall amounted to 0·21 of an inch.

* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found, after sojourn in the Hospital to have been erroneous.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Registered during the Week ending 26th February 1898. Births. | Registered during the Week ending 26th February 1898. Deaths. | Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Deaths from Measles. | Deaths from Scarlet Fever. | Deaths from Diphtheria. | Deaths from Whooping-cough. | Deaths from Fever. | Deaths from Diarrhœa. | Deaths from Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Per Total corresponding to the Week's Deaths. From All Causes. | Per Total corresponding to the Week's Deaths. From Diseases in Cols. 6-12. | Highest. Fahrenheit. | Lowest. Fahrenheit. | Mean. Fahrenheit. | Mean. Centigrade. | Rainfall. In Inches. | Rainfall. In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| **33 Towns** - | **11,218,378** | **6568** | **4500** | **994** | **1122** | - | **217** | **34** | **69** | **112** | **38** | **34** | **165** | **340** | **953** | **52** | **20·9** | **2·3** | **49·5** | **19·8** | **36·3** | **2·39** | **0·31** | **0·79** | **33 Towns.** |
| London - - | 4,504,766 | 2644 | 1889 | 398 | 478 | - | 106 | 11 | 46 | 52 | 9 | 8 | 74 | 174 | 515 | 12 | 21·9 | 2·7 | 48·2 | 26·1 | 37·6 | 3·11 | 0·21 | 0·53 | London. |
| West Ham - - | 28 ,654 | 160 | 89 | 24 | 18 | - | - | 1 | 2 | 3 | - | - | 1 | 7 | 10 | 2 | 16·2 | 1·1 | - | - | - | - | - | - | West Ham. |
| Croydon - - | 124,421 | 67 | 30 | 5 | 10 | - | 2 | - | - | - | - | - | 1 | 3 | 3 | - | 12·6 | 0·8 | 49·0 | 19·8 | 36·8 | 2·67 | 0·09 | 0·23 | Croydon. |
| Brighton - - | 122,310 | 57 | 36 | 6 | 6 | - | 4 | - | - | - | - | 1 | - | 2 | 4 | - | 15·3 | 2·1 | 51·0 | 27·2 | 38·5 | 3·61 | 0·24 | 0·61 | Brighton. |
| Portsmouth - | 186,618 | 92 | 71 | 10 | 28 | - | - | 1 | - | - | - | - | 2 | 3 | 10 | - | 19·8 | 0·3 | 49·5 | 27·0 | 37·5 | 3·06 | 1·17 | 2·97 | Portsmouth. |
| Plymouth - - | 99,136 | 32 | 33 | 2 | 15 | - | - | - | - | - | - | - | 1 | 1 | 3 | - | 17·4 | - | - | - | - | - | - | - | Plymouth. |
| Bristol - - | 316,900 | 168 | 129 | 18 | 40 | - | 25 | - | - | 5 | - | 1 | 5 | 11 | 19 | 1 | 21·2 | 5·1 | 47·0 | 26·0 | 34·5 | 1·39 | 0·34 | 0·86 | Bristol. |
| Cardiff - - | 177,770 | 110 | 59 | 23 | 6 | - | 3 | - | 5 | - | 1 | 1 | 1 | 1 | 5 | 1 | 17·3 | 2·9 | - | - | - | - | - | - | Cardiff. |
| Swansea - - | 102,001 | 59 | 44 | 9 | 14 | - | 1 | - | 1 | - | 1 | - | 1 | 3 | 4 | - | 22·5 | 1·5 | - | - | - | - | - | - | Swansea. |
| Wolverhampton | 88,051 | 73 | 51 | 18 | 7 | - | 2 | - | 1 | - | 1 | 1 | 2 | 4 | 9 | 1 | 30·2 | 3·0 | 43·1 | 21·1 | 33·1 | 0·61 | 0·11 | 0·28 | Wolverhampton. |
| Birmingham - | 510,343 | 379 | 211 | 54 | 48 | - | 7 | 1 | 2 | 6 | 1 | 4 | 6 | 7 | 47 | 9 | 21·6 | 2·1 | - | - | - | - | - | - | Birmingham. |
| Norwich - - | 111,699 | 67 | 34 | 9 | 5 | - | - | - | - | 1 | - | - | 1 | 3 | 4 | 1 | 15·9 | 0·5 | 48·0 | 22·4 | 37·5 | 3·06 | 0·16 | 0·41 | Norwich. |
| Leicester - - | 208,662 | 117 | 84 | 25 | 18 | - | 24 | 2 | - | 1 | - | - | 4 | 6 | 7 | - | 21·0 | 6·7 | - | - | - | - | - | - | Leicester. |
| Nottingham - | 236,137 | 125 | 102 | 29 | 41 | - | - | - | - | 3 | 1 | 2 | 5 | 5 | 22 | 1 | 22·5 | 1·3 | 47·0 | 23·7 | 35·5 | 1·94 | 0·19 | 0·48 | Nottingham. |
| Derby - - - | 104,834 | 58 | 26 | 8 | 5 | - | 1 | 1 | 1 | - | 1 | - | 2 | 3 | 5 | - | 12·9 | 2·0 | - | - | - | - | - | - | Derby. |
| Birkenhead - | 113,189 | 76 | 44 | 14 | 5 | - | 4 | 2 | 1 | - | 1 | - | - | 1 | 10 | - | 20·3 | 3·7 | - | - | - | - | - | - | Birkenhead. |
| Liverpool - - | 633,645 | 452 | 300 | 60 | 60 | - | 3 | 3 | 3 | 11 | 4 | 4 | 16 | 22 | 68 | 8 | 24·7 | 2·3 | 46·2 | 26·2 | 36·3 | 2·39 | 0·30 | 0·76 | Liverpool. |
| Bolton - - | 122,495 | 62 | 61 | 16 | 15 | - | - | 2 | - | 3 | 1 | 1 | 1 | 2 | 9 | - | 26·0 | 3·0 | - | - | - | - | - | - | Bolton. |
| Manchester - | 539,079 | 316 | 225 | 44 | 64 | - | 4 | 2 | - | 1 | 3 | 2 | 6 | 17 | 51 | 1 | 21·8 | 1·2 | - | - | - | - | - | - | Manchester. |
| Salford - - | 215,702 | 137 | 88 | 27 | 20 | - | 3 | - | - | 3 | 2 | 1 | 5 | 8 | 18 | 1 | 21·3 | 2·2 | - | - | - | - | - | - | Salford. |
| Oldham - - | 148,288 | 54 | 45 | 8 | 10 | - | 2 | 1 | - | 2 | - | 2 | 2 | 5 | 5 | - | 15·8 | 2·5 | - | - | - | - | - | - | Oldham. |
| Burnley - - | 109,546 | 66 | 43 | 13 | 8 | - | - | - | 2 | 1 | 1 | - | - | 1 | 1 | 1 | 20·5 | 1·9 | - | - | - | - | - | - | Burnley. |
| Blackburn - - | 133,228 | 64 | 45 | 10 | 11 | - | 1 | 1 | - | - | - | - | 2 | 3 | 10 | 1 | 17·6 | 0·8 | - | - | - | - | - | - | Blackburn. |
| Preston - - | 116,356 | 50 | 40 | 12 | 13 | - | - | - | - | - | - | 1 | - | - | 3 | - | 17·9 | 0·4 | - | - | - | - | - | - | Preston. |
| Huddersfield - | 102,454 | 41 | 38 | 10 | 8 | - | 1 | - | 1 | - | - | - | 5 | 7 | 7 | 2 | 19·3 | 1·0 | 45·2 | 23·0 | 35·0 | 1·67 | 0·56 | 1·42 | Huddersfield. |
| Halifax - - | 96,729 | 48 | 35 | 5 | 15 | - | 1 | - | - | - | - | - | - | - | 5 | 1 | 18·9 | 0·5 | - | - | - | - | - | - | Halifax. |
| Bradford - - | 233,737 | 119 | 65 | 11 | 15 | - | 1 | - | - | 1 | 1 | - | 1 | 1 | 7 | - | 14·5 | 0·7 | 48·0 | 28·4 | 37·4 | 3·00 | 0·19 | 0·48 | Bradford. |
| Leeds - - - | 416,618 | 253 | 178 | 37 | 54 | - | 6 | 2 | 2 | 5 | 5 | 2 | 5 | 12 | 20 | - | 22·3 | 2·8 | - | - | - | - | - | - | Leeds. |
| Sheffield - - | 356,478 | 208 | 143 | 29 | 29 | - | 7 | 3 | - | 4 | 2 | - | 4 | 5 | 23 | 3 | 20·9 | 2·3 | - | - | - | - | - | - | Sheffield. |
| Hull - - - | 229,887 | 135 | 81 | 22 | 19 | - | 4 | - | - | 1 | 1 | 1 | 4 | 11 | 15 | 1 | 18·4 | 1·6 | 48·0 | 24·0 | 35·5 | 1·94 | 0·21 | 0·53 | Hull. |
| Sunderland - | 143,849 | 82 | 50 | 13 | 15 | - | 3 | - | 1 | 1 | 1 | - | 2 | 4 | 9 | 1 | 18·1 | 2·2 | - | - | - | - | - | - | Sunderland. |
| Gateshead - - | 105,775 | 61 | 50 | 8 | 5 | - | 2 | - | - | 3 | 1 | - | - | 1 | 2 | - | 25·1 | 3·0 | - | - | - | - | - | - | Gateshead. |
| Newcastle - | 223,021 | 136 | 81 | 17 | 17 | - | - | 1 | 1 | 5 | - | 2 | 6 | 7 | 23 | 4 | 18·9 | 2·1 | - | - | - | - | - | - | Newcastle. |

* See note * on first page of this return.

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the EIGHTH Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2473 | 2695 | 2702 | 2632 | 2694 | 2527 | 2587 | 2787 | 2497 | 2727 | 2768·7 | 2644 |
| Males - - | 1208 | 1341 | 1323 | 1315 | 1371 | 1265 | 1337 | 1412 | 1345 | 1376 | 1398·8 | 1345 |
| Females - | 1265 | 1354 | 1379 | 1307 | 1323 | 1262 | 1250 | 1375 | 1152 | 1351 | 1369·9 | 1299 |
| TOTAL **Deaths** - | 1772 | 1567 | 1847 | 2042 | 1829 | 1629 | 1663 | 2863 | 1705 | 1627 | 1951·4 | 1889 |
| Males - - | 874 | 762 | 934 | 1050 | 930 | 857 | 858 | 1384 | 858 | 821 | 981·6 | 942 |
| Females - - | 898 | 805 | 913 | 992 | 899 | 772 | 805 | 1479 | 847 | 806 | 969·8 | 947 |

* The numbers in this column are the average weekly numbers in the eighth week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | Dec. 4. | Dec. 11. | Dec. 18. | Dec. 25. | Jan. 1. | Jan. 8. | Jan. 15. | Jan. 22. | Jan. 29. | Feb. 5. | Feb. 12. | Feb. 19. | Feb. 26. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** - - - | 2459 | 2489 | 2623 | 2106 | 2363 | 3001 | 2703 | 2631 | 2639 | 2603 | 2843 | 2527 | 2644 |
| TOTAL **Deaths** - - - | 1725 | 1866 | 1796 | 1555 | 2360 | 1990 | 1982 | 2021 | 1764 | 1861 | 1922 | 1856 | 1889 |
| Ages at Death: Under 1 year - - | 399 | 411 | 362 | 339 | 443 | 345 | 373 | 404 | 358 | 385 | 366 | 392 | 398 |
| 1—5 years - - | 303 | 353 | 313 | 277 | 456 | 361 | 353 | 367 | 306 | 298 | 318 | 318 | 324 |
| 5—20 " - - | 89 | 84 | 108 | 82 | 111 | 90 | 85 | 76 | 72 | 92 | 93 | 75 | 100 |
| 20—40 " - - | 190 | 202 | 198 | 187 | 267 | 231 | 225 | 203 | 206 | 204 | 230 | 221 | 226 |
| 40—60 " - - | 315 | 343 | 316 | 262 | 436 | 389 | 385 | 366 | 341 | 335 | 342 | 334 | 363 |
| 60—80 " - - | 341 | 373 | 410 | 321 | 544 | 472 | 470 | 490 | 372 | 438 | 467 | 423 | 391 |
| 80 years and upwards | 88 | 100 | 89 | 87 | 103 | 102 | 91 | 115 | 109 | 109 | 106 | 93 | 87 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox - - - - - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Measles - - - - - | 108 | 122 | 134 | 112 | 166 | 130 | 134 | 130 | 79 | 80 | 87 | 100 | 106 |
| Scarlet Fever - - - | 21 | 18 | 19 | 9 | 11 | 19 | 15 | 17 | 17 | 12 | 19 | 9 | 11 |
| Diphtheria - - - - | 52 | 58 | 63 | 56 | 53 | 50 | 44 | 33 | 36 | 42 | 45 | 33 | 46 |
| Whooping-cough - - - | 38 | 46 | 45 | 57 | 76 | 65 | 76 | 69 | 84 | 64 | 67 | 53 | 52 |
| Typhus - - - - - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Enteric Fever - - - | 16 | 14 | 23 | 5 | 14 | 10 | 9 | 8 | 9 | 8 | 6 | 8 | 9 |
| Simple Continued Fever - | - | - | - | - | - | - | - | - | 1 | 1 | - | - | - |
| Diarrhœa and Dysentery .. | 15 | 12 | 11 | 6 | 13 | 10 | 10 | 7 | 10 | 17 | 12 | 8 | 8 |
| Cholera - - - - - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| All the above Diseases - | 250 | 270 | 295 | 245 | 333 | 284 | 238 | 264 | 236 | 224 | 236 | 211 | 232 |
| Dis. of Respiratory System - | 418 | 468 | 458 | 353 | 700 | 533 | 516 | 567 | 471 | 471 | 468 | 438 | 416 |
| Phthisis - - - - - | 147 | 168 | 157 | 160 | 201 | 180 | 212 | 170 | 159 | 163 | 192 | 180 | 179 |
| Dis. of Circulatory System - | 164 | 151 | 151 | 131 | 167 | 186 | 161 | 153 | 135 | 126 | 164 | 141 | 161 |
| Violence - - - - - | 58 | 64 | 60 | 79 | 117 | 79 | 77 | 87 | 52 | 78 | 61 | 77 | 74 |
| Inquest Cases - - - - | 144 | 153 | 146 | 158 | 251 | 205 | 173 | 167 | 130 | 153 | 159 | 169 | 174 |
| Deaths in Public Institutions - | 461 | 532 | 513 | 413 | 603 | 533 | 533 | 523 | 478 | 538 | 532 | 551 | 515 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean - - - - - - | 39°·0 | 41°·7 | 46°·2 | 35°·8 | 45°·1 | 43°·4 | 41°·8 | 45°·1 | 42°·4 | 44°·0 | 43°·0 | 42°·7 | 37°·6 |
| Mean of Highest readings - | 44·0 | 47·5 | 50·8 | 40·3 | 48·7 | 48·9 | 44·6 | 48·1 | 45·2 | 49·4 | 48·3 | 47·6 | 44·8 |
| Mean of Lowest readings - | 32·7 | 36·4 | 40·1 | 30·0 | 40·7 | 37·1 | 37·6 | 40·9 | 39·8 | 39·6 | 37·8 | 38·3 | 31·4 |
| Humidity of the Air - - | 79 | 82 | 87 | 88 | 87 | 89 | 85 | 91 | 80 | 79 | 81 | 80 | 76 |
| Rain-fall (in inches) - - | 0·15 | 0·86 | 0·63 | 0·02 | 0·66 | 0·49 | 0·00 | 0·12 | 0·00 | 0·28 | 0·20 | 0·35 | 0·21 |
| Registered Sunshine (in hours) | 14·3 | 9·1 | 13·5 | 12·9 | 5·0 | 11·1 | 3·5 | 3·4 | 2·2 | 10·2 | 7·0 | 9·4 | 25·8 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox - - - - - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Scarlet Fever - - - - | 3812 | 3806 | 3733 | 3619 | 3572 | 3450 | 3253 | 3149 | 3061 | 2964 | 2871 | 2781 | 2674 |
| Diphtheria - - - - | 1055 | 1110 | 1109 | 1086 | 1070 | 1062 | 1023 | 1045 | 1062 | 1044 | 1042 | 1058 | 1061 |
| Enteric Fever - - - - | 155 | 151 | 138 | 129 | 116 | 111 | 110 | 109 | 106 | 96 | 93 | 87 | 84 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton: A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Boobbyer, Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the EIGHTH Week of the Year 1898.

| CAUSES OF DEATH. | Corrected Averages for the 8th Week of the 10 years 1888-97*. | In the Week ending Saturday, 26th February 1898. Deaths of Persons of the Ages: All Ages. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| CAUSES - - - | 1951·4 | 1889 | 398 | 324 | 100 | 226 | 363 | 391 | 37 |
| all-pox { Vaccinated† - | 0·5 | - | - | - | - | - | - | - | - |
| all-pox { Unvaccinated | 0·2 | - | - | - | - | - | - | - | - |
| all-pox { No Statement | 0·2 | - | - | - | - | - | - | - | - |
| sles - - - - | 45·6 | 106 | 26 | 73 | 7 | - | - | - | - |
| let Fever - - - | 16·5 | 11 | 1 | 5 | 5 | - | - | - | - |
| hus - - - - | 0·2 | - | - | - | - | - | - | - | - |
| psing Fever - - | - | - | - | - | - | - | - | - | - |
| nenza - - - - | 29·3 | 81 | 7 | 4 | 5 | 8 | 17 | 32 | 8 |
| oping-cough - - | 72·0 | 52 | 18 | 33 | 1 | - | - | - | - |
| ntheria - - | 39·8 | 46 | 7 | 31 | 8 | - | - | - | - |
| ple Continued and -defined Fever - | 0·6 | - | - | - | - | - | - | - | - |
| ric Fever - - - | 9·2 | 9 | - | - | 3 | 6 | - | - | - |
| era and Chol. Diarr. | 0·1 | - | - | - | - | - | - | - | - |
| rhœa, Dysentery - | 16·2 | 8 | 3 | 3 | - | - | - | 2 | - |
| ittent Fever - - | 0·1 | - | - | - | - | - | - | - | - |
| rophobia - - - | - | - | - | - | - | - | - | - | - |
| ders - - - - | - | - | - | - | - | - | - | - | - |
| pox and Effects of ccination - - - | 0·2 | - | - | - | - | - | - | - | - |
| erical Affections - - | 10·8 | 16 | 11 | 1 | - | 1 | 1 | 2 | - |
| ipelas - - - | 4·1 | - | - | - | - | - | - | - | - |
| mia and Septicæmia | 2·0 | 2 | - | - | 1 | - | 1 | - | - |
| peral Fever - - | 4·5 | 3 | - | - | - | 3 | - | - | - |
| r Zymotic Diseases | 2·1 | 3 | - | - | - | 2 | - | 1 | - |
| ash - - - - | 0·9 | - | - | - | - | - | - | - | - |
| ms and other Parasitical Diseases - | 0·3 | - | - | - | - | - | - | - | - |
| vation, Want of east-milk - - | 1·9 | - | - | - | - | - | - | - | - |
| holism - - - | 8·9 | 18 | - | - | - | 4 | 12 | 2 | - |
| umatic Fever, eumatism of Heart | 8·7 | 6 | - | - | 2 | 3 | - | 1 | - |
| umatism - - - | 2·5 | 2 | - | - | - | - | 1 | 1 | - |
| - - - - - - | 3·8 | 4 | - | - | - | - | 1 | 2 | 1 |
| ets - - - - | 5·8 | 6 | 5 | 1 | - | - | - | - | - |
| er - - - - - | 73·2 | 85 | - | - | - | 8 | 42 | 32 | 3 |
| s Mesenterica - - | 20·1 | 17 | 10 | 3 | 1 | 3 | - | - | - |
| ercular Meningitis - | 22·4 | 27 | 8 | 13 | 4 | 2 | - | - | - |
| isis - - - - | 185·4 | 179 | 3 | 5 | 13 | 80 | 68 | 10 | - |
| fula, Tuberculosis - | 20·2 | 23 | 6 | 7 | 8 | 2 | - | - | - |
| r Constitutional seases - - | 13·9 | 16 | 1 | - | 1 | 6 | 5 | 3 | - |
| nature Birth - - | 45·7 | 61 | 61 | - | - | - | - | - | - |
| ectasis - - - | 3·3 | 4 | 4 | - | - | - | - | - | - |
| renital Malformans - - - | 7·7 | 6 | 6 | - | - | - | - | - | - |
| Age - - - - | 62·9 | 73 | - | - | - | - | - | 42 | 31 |
| plexy - - - | 50·2 | 41 | - | 1 | - | 4 | 16 | 17 | 3 |
| epsy - - - - | 6·1 | 4 | - | - | - | 3 | 1 | - | - |
| vulsions - - - | 46·7 | 42 | 37 | 4 | 1 | - | - | - | - |
| r Diseases of Brain d Nervous System | 102·5 | 93 | 18 | 9 | 3 | 11 | 17 | 32 | 3 |
| ases of Organs of ecial Sense - | 2·9 | 9 | 3 | - | 4 | 2 | - | - | - |

| CAUSES OF DEATH | Corrected Averages for the 8th Week of the 10 years 1888-97*. | In the Week ending Saturday, 26th February 1898. Deaths of Persons of the Ages: All Ages. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 165·0 | 161 | 6 | 2 | 8 | 23 | 63 | 57 | 2 |
| Croup - - - - | 9·0 | 1 | - | - | 1 | - | - | - | - |
| Bronchitis - - - | 331·3 | 239 | 52 | 30 | 5 | 8 | 36 | 87 | 21 |
| Pneumonia - - - | 153·6 | 148 | 28 | 61 | 5 | 10 | 18 | 22 | 4 |
| Pleurisy - - - - | 6·6 | 3 | - | - | - | 1 | 2 | - | - |
| Other Diseases of Respiratory System - | 40·2 | 25 | 6 | 5 | - | 1 | 4 | 8 | 1 |
| Dentition - - - - | 11·7 | 13 | 5 | 8 | - | - | - | - | - |
| Quinsy, Sore Throat - | 1·6 | 2 | - | 1 | 1 | - | - | - | - |
| Enteritis - - - - | 12·2 | 16 | 10 | 1 | 1 | 1 | 3 | - | - |
| Peritonitis - - - | 6·1 | 6 | - | - | - | 4 | 2 | - | - |
| Diseases of Liver - - | 26·7 | 22 | 3 | - | 3 | 1 | 9 | 6 | - |
| Other Diseases of Digestive System | 30·5 | 34 | 4 | 2 | 2 | 10 | 8 | 8 | - |
| Diseases of Lymphatic System & of Ductless Glands - - - | 2·7 | 4 | - | 1 | 2 | - | 1 | - | - |
| Diseases of Urinary System - - - | 47·6 | 38 | - | 1 | 1 | 4 | 17 | 12 | 3 |
| Diseases of Generative System - - - | 5·4 | 4 | - | - | 1 | - | 2 | 1 | - |
| Accidents of Childbirth - | 5·7 | 2 | - | - | - | 2 | - | - | - |
| Diseases of Locomotive System - - - | 8·2 | 3 | - | 1 | 1 | - | 1 | - | - |
| Diseases of Integumentary System - - | 5·2 | 8 | 2 | 1 | - | 1 | 1 | 2 | 1 |
| VIOLENT DEATHS ‡ (ACCIDENT.) | | | | | | | | | |
| By Railways - - - | 64·1 | 2 | - | - | - | - | 1 | 1 | - |
| By Vehicles or Horses - | | 6 | - | 3 | 1 | 2 | - | - | - |
| In Ships, Boats, Docks, (exclusive of Drowning) - - - | | - | - | - | - | - | - | - | - |
| In Building Operations - | | 1 | - | - | - | - | 1 | - | - |
| In Conflagrations - - | | - | - | - | - | - | - | - | - |
| By Burns, Scalds, Explosions - - | | 9 | 1 | 5 | - | 1 | 1 | - | 1 |
| By Drowning - - - | | 3 | - | - | - | 2 | 1 | - | - |
| By Suffocation in Bed - | | 14 | 14 | - | - | - | - | - | - |
| By Poisons or Poisonous Vapours - - | | 2 | - | 1 | 1 | - | - | - | - |
| Other or not stated causes - - - - | | 27 | 6 | 4 | - | 2 | 5 | 6 | 4 |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - | 1·1 | 3 | - | - | - | 2 | 1 | - | - |
| Suicide - - - - | 7·1 | 7 | - | - | - | 2 | 3 | 1 | 1 |
| Execution - - - | - | - | - | - | - | - | - | - | - |
| OTHER CAUSES - - | 59·6 | 33 | 26 | 4 | - | 1 | 1 | 1 | - |

The numbers in this column are the average weekly deaths for the ten years 1888-97, raised by 5·230 per cent. for increase opulation.

Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered ical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the e of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of dent, murder, manslaughter or suicide. All such cases are classed under "accident."

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 26th February, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2644 | 1889 | 398 | 478 | - | 106 | 11 | 46 | 52 | - | 9 | - | 8 | 74 | 174 | 515 | 1 |
| WEST DISTRICTS - - - | 778,251 | 389 | 331 | 67 | 90 | - | 27 | 1 | 4 | 4 | - | - | - | 1 | 7 | 24 | 96 | |
| NORTH DISTRICTS - - - | 1,040,694 | 587 | 436 | 93 | 103 | - | 26 | 3 | 19 | 14 | - | 2 | - | 2 | 12 | 32 | 105 | |
| CENTRAL DISTRICTS - - - | 233,635 | 144 | 108 | 22 | 21 | - | 1 | - | 4 | 2 | - | 1 | - | - | 5 | 13 | 48 | |
| EAST DISTRICTS - - - | 716,334 | 529 | 346 | 84 | 84 | - | 13 | - | 7 | 22 | - | - | - | 1 | 20 | 52 | 79 | |
| SOUTH DISTRICTS - - - | 1,642,796 | 995 | 626 | 132 | 163 | - | 39 | 5 | 12 | 10 | - | 6 | - | 4 | 28 | 51 | 145 | 1 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | — | - | 42 | - | 17 | - | - | 2 | - | - | - | - | - | - | 2 | 2 | 42 | |
| WEST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 52 | 25 | 4 | 8 | - | 4 | - | - | 1 | - | - | - | - | - | - | 2 | |
| St. John Paddington *H* - - G. | 33,510 | - | 17 | 2 | 9 | - | - | - | - | 1 | - | - | - | - | 2 | 2 | 7 | |
| Kensington Town *Ww* - - W. | 122,164 | 71 | 54 | 12 | 16 | - | 4 | - | - | - | - | - | - | - | - | 3 | 22 | |
| Brompton *H* - - - W. & C. | 48,301 | 5 | 13 | 2 | 6 | - | 1 | - | - | - | - | - | - | - | 1 | 1 | 4 | |
| St. Peter Hammersmith - - W. | 9,097 | 4 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | |
| St. Paul Hammersmith *HH* W. & G. | 35,102 | 61 | 44 | 15 | 12 | - | 7 | - | - | 1 | - | - | - | - | 2 | 5 | 1 | |
| Fulham *Ww* - - - W. & C. | 113,781 | 78 | 46 | 11 | 7 | - | 3 | 1 | 1 | - | - | - | - | 1 | - | 3 | 16 | |
| Chelsea Kensal Town - - C. | 21,450 | 7 | 6 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | |
| Chelsea North *WHHHHH* - C. | 42,057 | 19 | 19 | 1 | 8 | - | 1 | - | - | 1 | - | - | - | - | 2 | 3 | 9 | |
| Chelsea South *HH* - - C. | 33,139 | 16 | 18 | 1 | 6 | - | 3 | - | - | - | - | - | - | - | - | - | - | |
| May Fair *W* - - - - G. | 23,827 | 2 | 9 | 1 | 4 | - | - | | - | - | - | - | - | - | - | - | 4 | |
| Belgrave *WHHH* - - - C. | 56,140 | 30 | 29 | 4 | 5 | - | 1 | - | 1 | - | - | - | - | - | - | 3 | 17 | |
| St. John Westminster *HH* - C. | 31,492 | 17 | 14 | 5 | 2 | - | 3 | - | 2 | - | - | - | - | - | - | 3 | 2 | |
| St. Margaret Westminster *H*- C. | 22,097 | 8 | 15 | 5 | 3 | - | - | - | - | - | - | - | - | - | - | - | 9 | |
| St. James Westminster *WHH* N. & G. | 23,050 | 17 | 13 | 4 | 2 | - | - | - | - | - | - | - | - | - | - | 1 | 2 | |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | |
| NORTH DISTRICTS. | | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHH* - W. | 36,595 | 9 | 16 | 2 | 3 | - | - | - | - | - | - | - | - | - | - | 1 | 7 | |
| Rectory Marylebone *W* G. & W. | 19,798 | 11 | 7 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | 1 | 2 | |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 32 | 9 | 1 | 2 | - | - | - | - | 1 | - | - | - | - | - | - | 2 | |
| Christchurch Marylebone *H* - W. | 32,547 | 18 | 11 | 5 | 2 | - | - | - | - | - | - | 1 | - | - | - | - | - | |
| St. John Marylebone *HHH* W. | 32,611 | 13 | 9 | 5 | 1 | - | - | - | 1 | 1 | - | - | - | - | - | 1 | 4 | |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 33 | 30 | 4 | 10 | - | 1 | 1 | 5 | 1 | - | - | - | - | 1 | 2 | 13 | |
| Regent's Park Pancras *HH* - W. | 37,341 | 19 | 9 | 1 | 3 | - | - | - | - | - | - | - | - | 1 | - | 1 | - | |
| Tottenham-court *wHHH* - N. & W. | 26,757 | 15 | 18 | 4 | 4 | - | 1 | - | - | - | - | - | - | - | 2 | 3 | 9 | |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 15 | 12 | 1 | 2 | - | 1 | - | - | - | - | - | - | - | 1 | 2 | 2 | |
| Somers Town *HH* - - - N. | 32,161 | 20 | 6 | 4 | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - | |
| Camden Town *WH* - - N. | 16,669 | 16 | 12 | 1 | 4 | - | - | - | - | - | - | - | - | - | - | 1 | 8 | |
| Kentish Town *WW* - - N. | 98,410 | 55 | 36 | 6 | 7 | - | - | - | - | - | - | 1 | - | - | - | 1 | 9 | |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 67 | 66 | 15 | 21 | - | 2 | - | 1 | - | - | - | - | 1 | 2 | 3 | 29 | |
| Islington South-west H - N. | 107,365 | 56 | 45 | 14 | 7 | - | 9 | 1 | - | 1 | - | - | - | - | 3 | 6 | 1 | |
| Islington South-east - - N. | 66,549 | 48 | 32 | 8 | 5 | - | 5 | - | 1 | 3 | - | - | - | - | - | 1 | - | |
| Highbury *HH* - - - N. | 64,577 | 25 | 16 | 3 | 2 | - | 1 | - | - | 1 | - | - | - | - | - | 1 | - | |
| Stoke Newington *H* - N. | 33,485 | 15 | 10 | 3 | 4 | - | 3 | - | - | - | - | - | - | - | - | 1 | - | |
| North Hackney - - E. & N. | 213,044 | 20 | 14 | 2 | 6 | - | 1 | - | - | 2 | - | - | - | - | - | 1 | - | |
| Central Hackney *ww* - E. & N. | | 19 | 26 | 4 | 5 | - | 1 | 1 | 8 | 2 | - | - | - | - | 1 | 1 | 9 | |
| South-west Hackney *HHH* E. & N. | | 39 | 27 | 5 | 7 | - | - | - | 1 | 1 | - | - | - | - | - | 2 | 7 | |
| South-east Hackney *WwH* E. & N. | | 42 | 25 | 4 | 6 | - | 1 | - | 2 | 1 | - | - | - | - | 1 | 2 | 7 | |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers are received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. The Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River; E. East London; and K. the Kent Company.

* See note † on first page of this Return.

LE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 26th February, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Continued Fever. | Simple Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Unascertained Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CENTRAL DISTRICTS. | | | | | | | | | | | | | | | | | | | |
| . George Bloomsbury - - N. | 16,110 | 8 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| . Giles South *WH* - - N. | 12,976 | 11 | 6 | 1 | 3 | – | 1 | – | – | – | – | – | – | – | – | – | – | 4 | – |
| Giles North *H* - - - N. | 9,151 | 7 | 4 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| . Martin-in-the-Fields *HH* N. & C. | 13,077 | 5 | 4 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | 3 | – |
| rand *WHH* - - - - N. | 11,839 | 4 | 11 | 1 | 3 | – | – | – | – | – | – | – | – | – | – | 1 | 2 | 6 | – |
| *rand Union Workhouse, Edmonton* | †*1,037* | – | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | 2 | – |
| olborn *wHHHHHHH* - N. | 31,042 | 22 | 16 | 3 | 2 | – | – | – | 3 | – | – | – | – | – | – | – | 1 | 7 | – |
| t. James Clerkenwell - - N. | 15,777 | 16 | 3 | 2 | – | – | – | – | – | 1 | – | – | – | – | – | – | – | – | – |
| mwell Clerkenwell - - N. | 34,356 | 22 | 15 | 6 | 1 | – | – | – | – | – | – | 1 | – | – | – | 1 | 6 | – | – |
| oswell-street - - - - N. | 16,069 | 7 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| nty-road *HHHL* - - - N. | 29,897 | 31 | 17 | 4 | 4 | – | – | – | – | – | – | – | – | – | – | – | – | 4 | – |
| Whitecross-street - - - N. | 7,595 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| insbury - - - - N. | 4,035 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| *Holborn Union Workhouse, Mitcham* - - - - | †*892* | – | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | 2 | – |
| t. Botolph *H* - - N. & E. | 6,870 | 2 | 2 | 2 | – | – | – | – | – | 1 | – | – | – | – | – | – | – | – | – |
| Cripplegate - - - - N. | 3,299 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| t. Sepulchre *WH* - - - N. | 9,591 | 3 | 22 | 1 | 2 | – | – | – | 1 | – | – | – | – | – | – | 3 | 4 | 19 | – |
| Allhallows Barking - - - N. | 9,059 | 4 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Broad Street *H* - - - N. | 2,892 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| *City of London Asylum, Stone* - - | †*388* | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| EAST DISTRICTS. | | | | | | | | | | | | | | | | | | | |
| Shoreditch South *Hl* - E. & N. | 17,975 | 11 | 4 | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | 1 | 1 | – |
| Hoxton New Town *w* - - N. | 29,575 | 16 | 17 | 7 | 5 | – | 1 | – | – | – | – | – | – | – | – | 1 | 2 | 3 | – |
| Hoxton Old Town - - - N. | 27,645 | 25 | 8 | 2 | 3 | – | – | – | – | 1 | – | – | – | – | 1 | – | 1 | – | – |
| Haggerston *WH* - - N. & E. | 47,163 | 41 | 30 | 6 | 7 | – | – | – | – | 2 | – | – | – | – | – | 3 | 5 | 13 | – |
| Bethnal Green North *H* - E. | 49,301 | 35 | 23 | 5 | 6 | – | – | – | – | 3 | – | – | – | – | – | 1 | 7 | – | – |
| Bethnal Green South - - E. | 34,194 | 24 | 12 | 3 | 4 | – | 2 | – | – | 2 | – | – | – | – | – | – | 1 | – | – |
| Bethnal Green East *WHl* - E. | 45,667 | 29 | 27 | 8 | 11 | – | – | – | 1 | 2 | – | – | – | – | – | 2 | 5 | 11 | – |
| Spitalfields - - - E. & N. | 26,681 | 22 | 14 | 4 | 2 | – | 1 | – | – | 1 | – | – | – | – | – | 2 | 4 | – | – |
| Mile End New Town *W* - E. | 12,816 | 14 | 7 | 1 | 4 | – | – | – | – | – | – | – | – | – | – | – | 1 | 3 | – |
| Whitechapel Church *H* - E. & N. | 25,561 | 20 | 24 | 5 | 3 | – | – | – | 2 | – | – | – | – | – | – | 2 | 2 | 16 | – |
| Goodman's Fields - - - E. | 13,618 | 8 | 5 | 2 | – | – | – | – | – | – | – | – | – | – | – | 1 | 3 | – | – |
| St. George's North - - - E. | 39,576 | 40 | 8 | 2 | 2 | – | – | – | – | 1 | – | – | – | – | – | – | – | – | – |
| St. John, St. George East *W* E. | 7,930 | 11 | 12 | 5 | 2 | – | – | – | – | – | – | – | – | – | – | 1 | 1 | 7 | – |
| Shadwell *H* - - - E. & N. | 10,434 | 7 | 14 | 5 | – | – | 1 | – | 2 | 1 | – | – | – | – | – | – | – | 8 | – |
| Ratcliff *W* - - - - E. | 14,954 | 9 | 9 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | 2 | 2 | – | – |
| Limehouse - - - - E. | 32,917 | 22 | 17 | 7 | 3 | – | – | – | – | 2 | – | – | – | – | – | 1 | 4 | – | 1 |
| Mile End Old Town West *H* E. | 111,060 | 46 | 21 | 5 | 5 | – | – | – | – | 1 | – | – | – | – | – | – | 2 | – | – |
| Mile End Old Town East *WWww* - E. | | 34 | 15 | 2 | 4 | – | 1 | – | – | 1 | – | – | – | – | – | – | – | 2 | – |
| Bow *l* - - - - E. | 41,687 | 29 | 14 | 4 | 1 | – | 2 | – | – | 4 | – | – | – | – | – | – | 1 | – | – |
| Bromley *wwwH* - - - E. | 69,821 | 55 | 40 | 6 | 12 | – | 3 | – | – | – | – | – | – | – | – | – | 3 | 12 | – |
| Poplar *WW* - - - - E. | 57,759 | 31 | 25 | 3 | 8 | – | 2 | – | 2 | 1 | – | – | – | – | – | 3 | 7 | 3 | – |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 26th February, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Fever. | Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WHL*.&S. | 13,064 | 7 | 9 | 2 | – | – | – | – | – | – | – | – | – | – | 1 | 3 | – | – |
| St. Saviour Southwark - - S. | 12,301 | 7 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Kent-road - - - - S. & L. | 22,879 | 20 | 8 | 3 | 1 | – | – | – | – | – | – | – | – | – | 1 | 2 | – | – |
| Borough-road *WH* - S. & L | 16,083 | 13 | 4 | 1 | – | – | – | – | – | – | – | – | – | – | 1 | 1 | 3 | – |
| London-road *HL* - - L. & S. | 21,316 | 13 | 6 | 2 | 1 | – | 1 | – | – | – | – | – | – | – | – | 1 | – | – |
| Trinity Newington - - S. & L. | 28,723 | 19 | 5 | 2 | – | – | – | 1 | – | – | – | – | – | – | – | – | – | – |
| St. Peter Walworth *W* - S. & L. | 62,045 | 46 | 21 | 2 | 3 | – | 1 | – | 1 | – | – | – | – | – | – | 1 | – | – |
| St. Mary Newington- - L. & S. | 30,171 | 23 | 13 | 6 | 4 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| St. Olave *WH*- - - - S. | 11,731 | 10 | 13 | 1 | 4 | – | – | – | – | – | – | 1 | – | – | 2 | 2 | 9 | – |
| Leather Market *W* - S & L | 32,339 | 28 | 15 | 6 | 7 | – | 1 | – | – | 1 | – | – | – | – | 1 | 1 | 2 | – |
| St. James Bermondsey - - S. | 53,136 | 32 | 14 | 4 | 3 | – | – | – | – | 2 | – | – | – | – | 1 | 1 | – | – |
| Rotherhithe *WwH* - S. & K. | 40,579 | 27 | 15 | 4 | 6 | – | 1 | – | 2 | – | – | – | – | – | 1 | 1 | 5 | 1 |
| Waterloo-road *HH* - L. & S. | 28,396 | 23 | 8 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | 1 | 1 | – |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 15 | 14 | 2 | – | – | 1 | – | – | – | – | – | – | 1 | 2 | 4 | 11 | – |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 27 | 30 | 7 | 11 | – | – | – | – | – | – | – | – | – | – | 1 | 15 | – |
| Kennington 1st *H* - - S. & L. | 52,486 | 26 | 21 | 4 | 7 | – | 2 | – | – | 1 | – | – | – | – | 2 | 4 | – | – |
| Kennington 2nd - - S. & L. | 43,244 | 14 | 14 | 1 | 6 | – | – | – | – | – | – | – | – | – | 1 | 2 | – | – |
| Brixton *w* - - - L. & S | 81,825 | 30 | 24 | 8 | 3 | – | – | – | 2 | – | – | 1 | – | – | 1 | 1 | 3 | 1 |
| Norwood *WH*- - - - L. | 29,318 | 12 | 11 | – | 3 | – | 5 | – | – | – | – | – | – | – | – | – | – | – |
| East Battersea - - - - S. | 71,730 | 53 | 32 | 13 | 2 | – | 6 | – | – | – | – | – | – | 1 | 1 | 2 | – | – |
| West Battersea *WwH* - - S | 93,385 | 52 | 42 | 8 | 10 | – | 2 | – | – | – | – | – | – | – | – | 3 | 15 | – |
| Clapham *H* - - - - S. | 46,953 | 27 | 7 | 4 | – | – | 2 | – | – | – | – | – | – | – | 2 | 2 | – | – |
| Wandsworth *WHHL* - - S. | 58,101 | 29 | 15 | 1 | 6 | – | – | 1 | – | – | – | – | – | – | 2 | 3 | 2 | – |
| Putney - - - - - - S. | 20,566 | 15 | 3 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Streatham *Wwww* - - - L. | 61,644 | 30 | 23 | 4 | 5 | – | – | 1 | 4 | – | – | – | – | – | 1 | 2 | 6 | – |
| Dulwich - - - - L. & S. | 7,519 | – | 3 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Camberwell *Wwll* - S. & L. | 90,286 | 57 | 61 | 7 | 22 | – | – | – | – | 2 | – | 1 | – | – | 2 | 3 | 35 | – |
| Peckham *WW* - S., L., & K. | 88,242 | 54 | 31 | 4 | 8 | – | – | – | – | 1 | – | – | – | – | 1 | 2 | – | – |
| St. George Camberwell - L. & S. | 67,029 | 52 | 21 | 7 | 4 | – | 3 | – | – | – | – | – | – | 2 | – | 3 | – | – |
| Deptford North - - - K. | 36,152 | 39 | 7 | 2 | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | 2 |
| Deptford Central *w* - - K. | 45,441 | 21 | 16 | 2 | 3 | – | – | 1 | 1 | 1 | – | 2 | – | – | – | – | 4 | – |
| Deptford South - - - K. | 33,402 | 18 | 12 | 3 | 5 | – | 1 | – | – | – | – | – | – | – | – | – | – | 1 |
| Greenwich West *H* - - K. | 23,012 | 9 | 3 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Greenwich East *WH* - - K. | 37,767 | 25 | 27 | 4 | 9 | – | 1 | – | – | 2 | – | – | – | – | 3 | 3 | 14 | 1 |
| Eltham *wH* - - - - K. | 5,911 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Lee *H* - - - - - K. | 24,222 | 13 | 4 | – | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Lewisham *WwH* - - - K. | 38,139 | 18 | 14 | 2 | 4 | – | – | 1 | – | – | – | – | – | – | – | – | 7 | 1 |
| Sydenham *H* - - - - L. | 37,601 | 21 | 12 | 5 | 2 | – | – | – | – | – | – | – | – | – | – | – | 1 | 1 |
| Charlton *wHH* - - K. | 15,928 | 14 | 6 | 1 | – | – | – | – | 2 | – | – | – | – | – | – | – | 4 | – |
| Woolwich Dockyard - - K. | 19,355 | 14 | 6 | 1 | – | – | 6 | – | – | – | – | – | – | – | – | – | – | – |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 10 | 11 | 3 | 2 | – | 3 | – | – | – | – | – | – | – | – | – | – | 2 |
| Plumstead West *H* - - K. | 16,714 | 9 | 6 | 2 | 1 | – | 2 | – | – | – | – | – | – | – | – | – | – | 1 |
| Plumstead East *WH* - - K. | 42,538 | 22 | 18 | 1 | 12 | – | 1 | – | – | – | – | 1 | – | – | – | – | 8 | – |
| Banstead Asylum - - - - | — | – | 8 | – | 3 | – | – | – | – | – | – | – | – | – | – | – | 8 | – |
| Caterham Asylum - - - - | — | – | 9 | – | 5 | – | – | – | – | – | – | – | – | – | – | – | 9 | – |
| Cane Hill Asylum - - - - | — | – | 4 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 4 | – |
| Hospital Ships and Camp, Dartford | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Darenth Asylum - - - - | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Hanwell Asylum - - - - | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Colney Hatch Asylum - - - | — | – | 9 | – | 4 | – | – | – | – | – | – | – | – | – | 2 | 2 | 9 | – |
| N.E. Hospital - - - - - | — | – | 2 | – | – | – | – | 2 | – | – | – | – | – | – | – | – | 2 | – |
| Winchmore Hill Hospital - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Leavesden Asylum - - - - | — | – | 3 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 3 | – |
| Claybury Asylum - - - - | — | – | 5 | – | 3 | – | – | – | – | – | – | – | – | – | – | – | 5 | – |

LE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 26th February, 1898.

| Division | REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years & upwds. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LONDON—OUTER RING - | 368,749 | 1,422,063 | 1,033 | 528 | 117 | 154 | - | 18 | 3 | 23 | 16 | 1 | 3 | 14 | 38 | 65 | 5 |
| :1 | Carshalton *wHH* - - | 12,228 | 26,108 | 15 | 10 | - | 4 | - | - | - | - | 2 | - | - | 1 | 1 | - | - |
| 2 | Epsom, *part of** *WwHH* - | 10,423 | 12,508 | 2 | 6 | - | 3 | - | - | - | - | - | - | 1 | - | - | 4 | - |
| :1 | Godstone, *part of** *W* - | 2,754 | 1,5[illegible]8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| :1 | Croydon *WwHHH* - - | 20,851 | 128,699 | 79 | 36 | 6 | 13 | - | 2 | - | - | - | - | - | 1 | 3 | 4 | - |
| 2 | Mitcham *w* - - - | 11,697 | 23,088 | 15 | 15 | 3 | 7 | - | 2 | - | - | - | - | - | 1 | 1 | - | - |
| :1 | Wimbledon *HHH* - - | 3,220 | 25,761 | 16 | 7 | 1 | 3 | - | 1 | - | - | - | - | - | 1 | 1 | - | - |
| 2 | Kingston *W* - - - | } 8,071 | { 33,566 | 29 | 13 | 3 | 4 | - | 5 | - | - | 1 | - | - | - | - | 4 | - |
| 3 | Surbiton *H*- - - - | } | { 11,199 | 2 | 4 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 4 | Esher, *part of** *HH* - - | 6,601 | 12,059 | 4 | 4 | - | - | - | 1 | - | 1 | - | - | - | 1 | 1 | - | - |
| 5 | Hampton *HL* - - - | 4,565 | 18,252 | 5 | 6 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| :1 | Richmond *WH*- - - | 2,160 | 25,389 | 17 | 16 | 3 | 7 | - | - | - | - | - | - | - | - | - | 5 | 1 |
| 2 | Mortlake *H* - - - | 2,823 | 16,159 | 7 | 4 | 1 | - | - | - | - | - | 2 | - | - | 1 | 1 | - | - |
| :1 | Bromley *HHH* - - - | 9,127 | 23,815 | 16 | 10 | 3 | 4 | - | - | - | 1 | 1 | - | - | - | - | 1 | - |
| 2 | Beckenham *H* - - - | 6,542 | 21,969 | 14 | 5 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 10 | 4 | 2 | 2 | - | - | - | - | - | - | - | - | - | 1 | - |
| :1 | Bexley *HHH* - - - | 12,540 | 30,590 | 27 | 18 | 4 | 2 | - | - | - | 3 | - | 1 | 1 | - | - | - | 1 |
| 2 | Dartford *WH*, part of* - | — | — | - | 2 | - | 2 | - | - | - | - | - | - | - | - | - | 2 | - |
| :1 | Sunbury *w* - - - | 11,054 | 13,671 | 7 | 9 | 1 | 3 | - | - | - | 2 | - | - | - | 1 | 1 | - | - |
| 2 | Staines *WH* - - - | 13,277 | 13,221 | 7 | 5 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - |
| :1 | Hillingdon *WHH* - - | 6,035 | 12,237 | 4 | 3 | - | - | - | - | 1 | - | - | - | - | - | - | 1 | - |
| 2 | Uxbridge - - - - | 12,757 | 7,253 | 4 | 3 | - | 1 | - | - | - | 1 | - | - | - | 1 | 1 | - | - |
| 3 | Hayes *wH* - - - - | 7,952 | 11,051 | 3 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| :1 | Isleworth *WHH* - - | 6,967 | 26,004 | 19 | 19 | 1 | 8 | - | - | - | - | - | - | - | - | - | 6 | - |
| 2 | Twickenham *HH* - - | 2,415 | 16,027 | 5 | 6 | 2 | 2 | - | - | - | - | - | - | - | 1 | - | - | - |
| 3 | Brentford *HHHH* - - | 4,318 | 37,777 | 31 | 11 | 2 | 4 | - | - | - | 1 | 2 | - | - | - | 1 | 1 | - |
| 4 | Chiswick - - - - | 1,245 | 21,963 | 19 | 9 | 3 | 4 | - | - | - | - | - | - | - | - | - | - | - |
| 5 | Acton *wH* - - - - | 6,132 | 30,945 | 25 | 8 | 3 | 1 | - | - | - | - | - | - | - | - | - | 1 | - |
| :1 | Harrow *HHH* - - - | 13,809 | 15,715 | 9 | 4 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Edgware *HH* - - - | 6,994 | 3,844 | 1 | 3 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Willesden *HHH* - - - | 4,383 | 61,265 | 60 | 19 | 7 | 4 | - | - | - | 3 | - | - | - | - | 1 | 2 | - |
| 4 | Hendon *WH* - - - - | 8,382 | 15,843 | 11 | 5 | - | 1 | - | - | - | - | - | - | - | - | 1 | 1 | - |
| :1 | South Mimms *HH* - - | 15,599 | 8,474 | 5 | 4 | - | 2 | - | - | - | - | - | - | 1 | - | - | - | - |
| 2 | Barnet *WHH* - - - | 5,478 | 12,045 | 9 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Finchley *HHH*- - - | 4,688 | 25,820 | 20 | 10 | 2 | 5 | - | 1 | - | - | - | - | - | - | - | - | - |
| :1 | Hornsey *HH* - - - | 3,039 | 61,097 | 35 | 15 | 1 | 4 | - | 2 | - | 1 | - | - | - | - | 1 | - | - |
| 2 | Tottenham *HH*- - - | 4,642 | 97,174 | 91 | 23 | 12 | 5 | - | - | - | 2 | - | - | - | 1 | 3 | 2 | - |
| 3 | Edmonton *Www* - - | 7,489 | 36,351 | 26 | 14 | 3 | 4 | - | 1 | - | - | 3 | - | - | - | 1 | 3 | - |
| 4 | Enfield *WWHH* - - | 12,602 | 31,536 | 27 | 19 | 3 | 7 | - | - | 1 | 1 | 1 | - | - | - | 2 | 5 | - |
| 5 | Waltham Abbey - - - | 11,017 | 6,066 | 3 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 6 | Cheshunt *H* - - - | 8,480 | 9,620 | 7 | 6 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| :1 | Hatfield, *part of** *W*- - | 3,306 | 582 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| :1 | Bushey *H* - - - - | 9,331 | 7,737 | 2 | 4 | - | 1 | - | - | - | - | - | - | - | - | 1 | - | - |
| 2 | Watford *WH*, part of* - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| :1 | Stratford *H* - - - | 1,100 | 42,983 | 35 | 18 | 5 | 1 | - | - | - | - | 1 | - | - | 1 | 4 | 1 | - |
| 2 | Plaistow *WHH*- - - | 1,242 | 58,030 | 48 | 16 | 6 | 1 | - | - | 1 | 1 | - | - | - | - | 1 | 2 | - |
| 3 | Canning Town *H* - - | 1,558 | 54,750 | 50 | 24 | 7 | 6 | - | - | - | 1 | - | - | - | - | 2 | - | 1 |
| 4 | Forest Gate *w* - - - | 806 | 49,140 | 27 | 24 | 6 | 6 | - | - | - | - | 2 | - | - | - | - | - | 1 |
| 5 | East Ham *wH*- - - | 3,266 | 32,713 | 44 | 11 | 7 | 2 | - | 1 | - | - | 1 | - | - | - | - | - | - |
| 6 | Leyton *WWWwH* - - | 4,334 | 70,188 | 55 | 30 | 4 | 12 | - | 2 | - | 2 | - | - | - | - | 4 | 8 | - |
| 7 | Walthamstow *HHL*- - | 6,501 | 57,330 | 45 | 17 | 3 | 4 | - | - | - | 2 | - | - | - | 3 | 4 | - | - |
| :1 | Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 11 | 5 | 2 | 3 | - | - | - | - | - | - | - | - | 1 | - | - |
| 2 | Epping *WH*, part of*- - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| :1 | Romford, *part of** *WH* - | 6,556 | 4,324 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| 2 | Ilford - - - - - | 8,493 | 10,913 | 17 | 5 | 1 | - | - | - | - | - | - | - | - | - | 1 | - | 1 |
| 3 | Barking Town, *H* - - | 3,814 | 14,301 | 10 | 4 | - | 1 | - | - | - | 1 | - | - | - | - | - | 1 | - |
| | Middlesex Co. Lunatic Asy. Wandsworth. | — | — | - | 9 | - | 4 | - | - | - | - | - | - | - | - | - | 9 | - |

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring e as follows: 30 : 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37 : 1, the parishes of Warlingham d Farley in Godstone sub-district; 39 : 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41 : 3, Chislehurst b-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135 : 1, the parish of Northaw in atfield sub-district; 187 : 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping op. 1,079); 189 : 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for fectious Diseases belonging to the Outer Ring in 42 : 2, Dartford; 137 : 2, Watford; and 187; 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday. 26th February, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | ANNUAL RATE of MORTALITY per 1000 living. From All Causes. | From Diseases in Cols. 8-14. | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. |
| GREATER LONDON | **443,421** | **6,408,321** | **19·7** | **2·4** | **2417** | **515** | **632** | – | **124** | **14** | **69** | **68** | **10** | **11** | **88** | **580** |
| INNER LONDON - | 74,672 | 4,504,766 | 21·9 | 2·7 | 1889 | 398 | 478 | – | 106 | 11 | 46 | 52 | 9 | 8 | 74 | 515 |
| OUTER RING - | 368,749 | 1,903,555 | 14·5 | 1·8 | 528 | 117 | 154 | – | 18 | 3 | 23 | 16 | 1 | 3 | 14 | 65 |

NOTE. The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent to the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN, and in certain FOREIGN CITIES.

| CITIES | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. (Exclusive of Stillborn) | DEATHS. (Exclusive of Stillborn) | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM PRINCIPAL ZYMOTIC DISEASES. Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœal Diseases. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 295,628 | February 26 | 141 | 109 | 19·2 | – | 2 | 1 | 2 | – | – | 3 |
| GLASGOW - - | 724,349 | „ 26 | 403 | 289 | 20·8 | – | 14 | 7 | 1 | 11 | 5 | 9 |
| DUBLIN - - | 349,594 | „ 26 | 199 | 209 | 31·2 | – | – | – | 4 | – | 4 | 1 |
| CALCUTTA - - | 466,460 | January 15 | – | – | – | – | – | – | – | – | – | – |
| BOMBAY - - | 821,764 | February 1 | 231 | 1842 | 116·6 | – | 11 | ? | ? | ? | 1003† | 94‡ |
| MADRAS - - | 452,518 | January 21 | 312 | 310 | 35·6 | – | 17 | ? | ? | ? | 98 | 46‡ |
| PARIS - - - | 2,511,629 | February 19 | 1083 | 1014 | 20·9 | – | 21 | 2 | 10* | 1 | 2 | 34 |
| BRUSSELS - - | 531,024 | „ 19 | 266 | 177 | 17·3 | – | – | 3 | 1* | – | – | 12 |
| AMSTERDAM - | 503,045 | „ 12 | 278 | 151 | 15·7 | – | – | – | 3 | 3 | 1 | – |
| ROTTERDAM - | 290,004 | „ 12 | 208 | 82 | 14·7 | – | – | – | 2 | 2 | 1 | – |
| THE HAGUE - | 191,529 | „ 12 | 103 | 69 | 18·6 | – | – | 1 | – | 1 | – | – |
| COPENHAGEN - | 340,500 | „ 19 | 201 | 130 | 19·9 | – | – | 2 | 2 | 2 | 1 | – |
| STOCKHOLM - | 274,611 | „ 12 | 146 | 99 | 18·8 | – | – | 2 | 8* | 1 | – | 3 |
| CHRISTIANIA - | 192,141 | „ 19 | 116 | 55 | 14·9 | – | – | 1 | 1 | 6 | 1 | 1 |
| ST. PETERSBURG | 954,400 | „ 19 | – | – | – | – | – | – | – | – | – | – |
| MOSCOW - - | 988,610 | „ 12 | – | 460 | 24·3 | 3 | 6 | 15 | 13 | – | 9 | 34 |
| BERLIN - - | 1,753,775 | „ 5 | 954 | 537 | 15·9 | – | 3 | 7 | 14 | 13 | 1 | 20 |
| HAMBURG - - | 661,015 | „ 19 | – | 195 | 15·3 | – | – | – | 3* | 2 | 1 | 5 |
| DRESDEN - - | 377,500 | January 22 | – | – | – | – | – | – | – | – | – | – |
| BRESLAU - - | 392,795 | February 19 | – | 179 | 23·8 | – | – | 2 | 1* | 2 | 1 | 13 |
| MUNICH - - | 430,000 | „ 19 | – | 195 | 23·6 | – | 6 | – | 7* | – | – | 22 |
| VIENNA - - | 1,574,129 | „ 19 | 915 | 623 | 20·7 | – | 15 | 4 | 17* | 1 | – | 36 |
| PRAGUE - - | 377,109 | „ 19 | 233 | 160 | 22·1 | – | 7 | 6 | 2 | 1 | 4 | 3 |
| BUDA-PESTH - | 648,104 | „ 12 | 423 | 289 | 23·2 | – | – | 2 | 5 | 1 | 6 | 15 |
| TRIESTE - - | 164,491 | „ 19 | 109 | 126 | 39·8 | – | – | – | 3* | – | – | 2 |
| ROME - - - | 489,965 | January 22 | 239 | 204 | 21·7 | – | 8 | – | – | – | – | 10 |
| TURIN (10 days) | 344,203 | „ 10 | – | – | – | – | – | – | – | – | – | – |
| VENICE - - | 167,074 | February 12 | – | – | – | – | – | – | – | – | – | – |
| CAIRO - - | 374,838 | December 23 | 463 | 296 | 41·2 | – | – | – | 4* | 1 | 1 | 52 |
| ALEXANDRIA - | 231,396 | „ 23 | 247 | 130 | 29·3 | – | – | – | – | – | 1 | 46 |
| NEW YORK (including BROOKLYN) | 3,43 ,899 | February 5 | 1634 | 1187 | 18·0 | – | 17 | 13 | 47 | 4 | 6 | 9 |
| PHILADELPHIA - | 1,240,266 | „ 12 | – | 506 | 21·3 | – | 9 | 2 | 27 | 2 | 21 | 7 |

* Including deaths from croup.
† Including 927 deaths from bubonic fever.
‡ Including 2 deaths from cholera in Bombay and 16 in Madras.

| 1898. Month and Day. | Phases of the Moon. | Barometer. Mean daily reading (corrected and reduced to 32° Fahrenheit). | Temperature. Of the Air. Highest. | Temperature. Of the Air. Lowest. | Temperature. Of the Air. Daily Range. | Temperature. Of the Air. Mean daily value. | Temperature. Of the Air. Departure from Average of 50 years. | Temperature. Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Difference. Greatest. | Difference. Least. | Degree of Humidity (Saturation equals 100). | Temperature. Of Radiation. Highest in Sun's Rays. | Temperature. Of Radiation. Lowest on the Grass. | Temperature. Of the Earth 3 feet below the Surface. | Wind as deduced from Anemometers. Osler's. General Direction. A.M. | Wind. Osler's. General Direction. P.M. | Wind. Osler's. Pressure on the Square Foot. Greatest. | Wind. Osler's. Pressure. Least. | Wind. Osler's. Pressure. Mean of 24 hourly obs. | Wind. Robinson's. Horizontal Movement of the Air on each Day. | Wind. Robinson's. Departure from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| February. | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| Sunday - 20 | New | 29·099 | 45·3 | 32·4 | 12·9 | 39·3 | − 0·2 | 33·8 | 5·5 | 9·2 | 3·9 | 81 | 65·3 | 28·0 | 44·33 | WSW. & W. | W., WNW. & WSW. | 6·9 | 0·0 | 0·7 | 407 | +109 | 0·08 | 0·0 |
| Monday - 21 | .. | 29·050 | 42·2 | 26·1 | 16·1 | 33·2 | − 6·3 | 27·0 | 6·2 | 13·6 | 0·9 | 78 | 76·8 | 22·4 | 43·97 | SSW., NE. & ESE. | ESE. & E. | 0·1 | 0·0 | 0·0 | 116 | −184 | 0·00 | 0·0 |
| Tuesday - 22 | In Equator | 29·261 | 42·9 | 31·9 | 11·0 | 36·5 | − 3·1 | 30·8 | 5·7 | 10·8 | 1·4 | 80 | 72·8 | 26·9 | 43·55 | E., ENE. & NE. | ENE. & NNE. | 2·6 | 0·0 | 0·2 | 303 | + 1 | 0·00 | 0·0 |
| Wednesday 23 | .. | 29·659 | 44·9 | 32·9 | 12·0 | 37·8 | − 2·0 | 31·6 | 6·2 | 14·5 | 1·8 | 78 | 76·0 | 29·1 | 43·22 | N. | N. & NNW. | 5·5 | 0·0 | 0·6 | 371 | + 66 | 0·02 | 0·2 |
| Thursday - 24 | .. | 29·959 | 42·0 | 32·1 | 9·9 | 36·6 | − 3·3 | 30·0 | 6·6 | 11·4 | 3·8 | 77 | 67·3 | 26·2 | 43·00 | NNW. | N. & NNE. | 3·1 | 0·0 | 0·2 | 270 | − 39 | 0·00 | 0·8 |
| Friday - 25 | .. | 29·904 | 48·0 | 29·4 | 18·6 | 39·0 | − 1·0 | 31·1 | 7·9 | 13·4 | 1·8 | 73 | 76·1 | 24·6 | 42·80 | WSW. & SW. | WSW., SW. & SSW. | 13·8 | 0·0 | 0·3 | 317 | + 3 | 0·00 | 0·5 |
| Saturday - 26 | .. | 29·900 | 48·2 | 35·0 | 13·2 | 41·1 | + 1·0 | 31·2 | 9·9 | 16·0 | 3·1 | 68 | 87·9 | 30·3 | 42·57 | SSW, WSW. & W. | W., WSW. & SW. | 6·5 | 0·0 | 0·6 | 437 | +119 | 0·11 | 2·0 |
| Means - - | | 29·547 | 44·8 | 31·4 | 13·4 | 37·6 | − 2·1 | 30·8 | 6·9 | 12·7 | 2·4 | 76 | 74·6 | 26·8 | 43·35 | Variable. | | .. | .. | .. | Sum 2221 | Sum + 75 | Sum 0·21 | 0·5 |
| No. of Column - | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| Date. February. | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | General Remarks. |
|---|---|---|---|---|
| Sunday - 20 | w. P. generally till 8h. A.M.; v. P. & v. N. till 4h. P.M.; v. P. afterwards. | 0·7 | 10·3 | Cloudy; frequent showers of rain and hail. Slight fall of snow in evening. |
| Monday - 21 | s. P. till noon; v P. afterwards. | 3·0 | 10·4 | Very fine with hoar frost in morning; cloudy with fog till noon; fine till evening; overcast afterwards. |
| Tuesday - 22 | s. P. generally - | 1·4 | 10·4 | Overcast till 9h. A.M.; fine and partially cloudy afterwards. |
| Wednesday 23 | s. P. till noon; v. P. & v. N. till 7h. P.M.; v. P. afterwards. | 4·2 | 10·5 | Fine and partially cloudy till 10h. P.M. with sharp showers of small rain between 4h. P.M. and 6h. P.M.; overcast afterwards. |
| Thursday - 24 | m. P. generally till 9h. A.M.; s. P. afterwards. | 3·8 | 10·5 | Cloudy in morning; fine with variable amounts of cloud till 6h. P.M.; cloudless till 10h. P.M.; overcast afterwards. |
| Friday - 25 | s. P. till 4h. A.M.; m. P. generally afterwards. | 3·9 | 10·6 | Fine and partially cloudy till afternoon; overcast afterwards. Hoar frost in morning. Gusty wind at night. Rain commenced to fall shortly before midnight. |
| Saturday - 26 | w. P. and v. N. till 3h. A.M.; v. P. afterwards. | 8·8 | 10·6 | Overcast till 4h. A.M., with continuous rain till 3h. A.M.; very fine and generally cloudless afterwards. |
| | | Sum 25·8 | Sum 73·3 | |
| No. of Col. - - | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased from 29·43 in. at the beginning of the week to 29·02 in. by 10h. A.M. on the 21st; increased to 30·01 in. by 9h. P.M. on the 24th; decreased to 29·73 in. by 1h. A.M. on the 26th; and increased to 29·93 in. by the end of the week.

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1898.

OFFICIAL COPY.

# WEEKLY RETURN
OF
# BIRTHS AND DEATHS IN LONDON
AND IN
# THIRTY-TWO OTHER GREAT TOWNS

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No. 9. 1898. VOL. LIX.] WEEK ENDING SATURDAY, MARCH 5. [Price 1½*d.*

*General Register Office, Somerset House,*
*March 7th*, 1898.

## THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 20·7 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS. | Weeks ending | | | | TOWNS. | Weeks ending | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Feb. 12. | Feb. 19. | Feb. 26. | Mar. 5. | | Feb. 12. | Feb. 19. | Feb. 26. | Mar. 5. |
| 33 Great Towns | 20·7 | 20·4 | 20·9 | 20·7 | Leicester - - | 18·0 | 16·0 | 21·0 | 21·7 |
| Birkenhead - | 18·4 | 17·5 | 20·3 | 16·6 | Liverpool - - | 21·1 | 23·4 | 24·7 | 22·9 |
| Birmingham - | 22·5 | 20·6 | 21·6 | 24·0 | London - - - | 22·2 | 21·5 | 21·9 | 20·9 |
| Blackburn - | 16·0 | 14·5 | 17·6 | 15·7 | Manchester - - | 22·3 | 20·5 | 21·8 | 22·6 |
| Bolton - - | 17·5 | 20·4 | 26·0 | 17·0 | Newcastle-on-Tyne | 21·3 | 17·8 | 18·9 | 17·5 |
| Bradford - | 14·9 | 19·9 | 14·5 | 16·5 | Norwich - - | 23·3 | 18·7 | 15·9 | 18·7 |
| Brighton - | 24·3 | 16·6 | 15·3 | 23·4 | Nottingham - - | 15·7 | 18·3 | 22·5 | 23·2 |
| Bristol - | 24·0 | 24·5 | 21·2 | 25·0 | Oldham - - | 17·9 | 15·5 | 15·8 | 17·6 |
| Burnley - | 15·7 | 15·2 | 20·5 | 18·1 | Plymouth - - | 26·3 | 22·1 | 17·4 | 23·1 |
| Cardiff - - | 14·1 | 22·9 | 17·3 | 21·4 | Portsmouth - - | 19·8 | 19·6 | 19·8 | 17·6 |
| Croydon - | 11·3 | 21·0 | 12·6 | 19·7 | Preston - - | 17·0 | 13·9 | 17·9 | 13·0 |
| Derby - - | 16·4 | 20·4 | 12·9 | 18·4 | Salford - - - | 21·3 | 21·5 | 21·3 | 20·1 |
| Gateshead - | 22·6 | 20·1 | 25·1 | 26·1 | Sheffield - - | 19·7 | 18·3 | 20·9 | 20·2 |
| Halifax - | 22·1 | 22·1 | 18·9 | 19·4 | Sunderland - - | 22·1 | 14·9 | 18·1 | 23·9 |
| Huddersfield - | 17·8 | 21·4 | 19·3 | 17·3 | Swansea - - | 26·1 | 25·0 | 22·5 | 23·5 |
| Hull - - | 18·4 | 18·1 | 18·4 | 18·8 | West Ham - - | 16·7 | 15·6 | 16·2 | 15·3 |
| Leeds - - | 17·3 | 17·1 | 22·3 | 19·6 | Wolverhampton - | 14·8 | 29·0 | 30·2 | 22·5 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·0 in Sheffield and in Gateshead, 1·1 in Sunderland, 1·2 in Cardiff, 1·3 in London and in Croydon, 1·4 in Oldham, 1·5 in Derby, in Huddersfield and in Gateshead, 1·6 in Blackburn, 3·5 in Bristol, 4·1 in Swansea, and 5·0 in Leicester; from *whooping-cough*, 1·1 in Nottingham; and from "*fever*," 1·0 in Gateshead. In no case did the death-rate from *scarlet fever* or from *diarrhœa* reach 1·0 per 1000 in any of the thirty-three towns. The 66 deaths from *diphtheria* included 38 in London, 4 in Liverpool, 4 in Leeds, 3 in West Ham, 3 in Cardiff, and 3 in Birkenhead. No death from *small-pox* was registered in any of the thirty-three towns.

## LONDON.

In LONDON† 2585 BIRTHS and 1805 DEATHS were registered. Allowing for increase of population, the births were 179, and the deaths 149, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 22·2, 21·5, and

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

21·9 in the preceding three weeks, fell again last week to 20·9. During the four weeks ending on Saturday last the death-rate averaged 21·6 per 1000, being 0·1 per 1000 below the mean rate in the corresponding periods of the ten years 1888–97.

The 1805 deaths included 115 from measles, 8 from scarlet fever, 38 from diphtheria, 49 from whooping-cough, 11 from enteric fever, 11 from diarrhœa and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 232 deaths were referred to these diseases, being 45 above the corrected average weekly number.

The deaths from *measles*, which had been 87, 100, and 106 in the preceding three weeks, further rose last week to 115, and were 72 above the corrected average; 18 cases belonged to Islington, 13 to Hammersmith, 8 to Greenwich, 6 to Kensington, 6 to St. Pancras, 6 to Lambeth, and 6 to Battersea sanitary areas. The deaths from *scarlet fever*, which had been 19, 9, and 11 in the preceding three weeks, fell again last week to 8, and were just half of the corrected average. The deaths from *diphtheria*, which had been 45, 33, and 46 in the preceding three weeks, fell again last week to 38, the corrected average being 37; 5 cases belonged to Hackney, 4 to St. Pancras, 3 to Islington, and 3 to Battersea sanitary areas. The deaths from *whooping-cough*, which had been 67, 53, and 52 in the preceding three weeks, further fell last week to 49, and were 17 below the corrected average; 9 cases belonged to Islington, 6 to Shoreditch, and 5 to Poplar sanitary areas. The fatal cases of *enteric fever*, which had been 6, 8, and 9 in the preceding three weeks, further rose last week to 11, the corrected average being 9; 3 cases belonged to Hackney and 2 to Camberwell sanitary areas. The deaths from *diarrhœa*, which had been 12, 8, and 8 in the preceding three weeks, rose again last week to 11, but were 4 below the corrected average. The deaths referred to diseases of the respiratory organs, which had been 468, 438, and 416 in the preceding three weeks, rose again last week to 425, but were 139 below the corrected average. The deaths attributed directly to *influenza* numbered 51, having been 98, 87, and 81 in the preceding three weeks.

Different forms of violence caused 53 deaths, concerning all but 1 of which inquests were held. Of these 53 deaths, 10 were cases of suicide, and 4 of homicide, while the remaining 39 were attributed to accident or negligence. Four of these were referred to vehicles in the streets, 7 to burns and scalds, and 14 (including 13 of infants under one year of age), to suffocation in bed.

## Cases of Infectious Sickness in Hospitals.*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 1 case of small-pox, 2534 cases of scarlet fever, 1047 of diphtheria, and 82 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 175 cases, against 232, 233, and 199; of diphtheria, 128 cases, against 135, 147, and 125; and of enteric fever, 13 cases, against 15, 14, and 7.

## Greater London.

In Greater London 3582 births and 2321 deaths were registered, corresponding to annual rates of 29·1 and 18·9 per 1000 of the estimated population. In the Outer Ring 24 deaths from measles, 22 from diphtheria, 11 from whooping-cough, 3 from "fever," and 2 from diarrhœa were registered. Six deaths from measles occurred in Edmonton, 5 in Croydon, 5 in Kingston, and 5 in West Ham districts; 9 deaths from diphtheria occurred in West Ham and 4 in Edmonton districts.

## Meteorology.

The mean reading of the Barometer last week at Greenwich was 29·65 inches, and that of the Thermometer 38°·9, the latter being 1°·5 below the week's average in the 50 years 1841–90. The direction of the wind was variable, the horizontal movement of the air being 11 per cent. above the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 15·1 hours; the measured rainfall amounted to 0·59 of an inch.

* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found, after sojourn in the Hospital to have been erroneous.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Registered during the Week ending 5th March 1898. Births. | Registered during the Week ending 5th March 1898. Deaths. | The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Annual Rate per 1000, corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6–12. | Temperature of the Air. Highest. Fahrenheit. | Lowest. Fahrenheit. | Mean. Fahrenheit. | Mean. Centigrade. | Rainfall. In Inches. | In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| **33 Towns** | **11,218,378** | **6573** | **4454** | **981** | **1153** | **–** | **232** | **25** | **66** | **96** | **25** | **37** | **133** | **308** | **887** | **73** | **20·7** | **2·2** | **52·9** | **28·0** | **38·8** | **3·78** | **0·52** | **1·32** | **33 Towns.** |
| London | 4,504,766 | 2585 | 1805 | 383 | 469 | – | 115 | 8 | 38 | 49 | 11 | 11 | 53 | 141 | 476 | 11 | 20·9 | 2·7 | 52·9 | 30·7 | 38·9 | 3·83 | 0·59 | 1·50 | London. |
| West Ham | 286,654 | 174 | 84 | 22 | 19 | – | 2 | – | 3 | 2 | 1 | 1 | 1 | 4 | 9 | 3 | 15·3 | 1·6 | – | – | – | – | – | – | West Ham. |
| Croydon | 124,421 | 53 | 47 | 3 | 19 | – | 3 | – | 1 | 1 | – | – | 1 | 3 | 12 | – | 19·7 | 2·1 | 51·2 | 29·2 | 39·1 | 3·94 | 0·44 | 1·12 | Croydon. |
| Brighton | 122,310 | 69 | 55 | 12 | 21 | – | 2 | – | – | – | 1 | – | 2 | 5 | 3 | – | 23·4 | 1·3 | – | – | – | – | – | – | Brighton. |
| Portsmouth | 186,618 | 95 | 63 | 16 | 19 | – | – | – | – | – | – | – | 3 | 5 | 11 | – | 17·6 | – | – | – | – | – | – | – | Portsmouth. |
| Plymouth | 99,136 | 71 | 44 | 10 | 21 | – | – | – | – | 1 | – | – | – | 3 | 6 | 1 | 23·1 | 0·5 | – | – | – | – | – | – | Plymouth. |
| Bristol | 316,900 | 176 | 152 | 29 | 33 | – | 21 | 1 | 2 | 1 | 1 | 1 | 4 | 14 | 20 | 1 | 25·0 | 4·4 | 50·0 | 28·0 | 39·5 | 4·17 | 0·47 | 1·19 | Bristol. |
| Cardiff | 177,770 | 105 | 73 | 14 | 22 | – | 4 | – | 3 | – | – | – | 1 | 5 | 6 | 1 | 21·4 | 2·1 | – | – | – | – | – | – | Cardiff. |
| Swansea | 102,001 | 47 | 46 | 11 | 9 | – | 8 | – | – | – | – | 1 | 1 | 2 | 2 | 1 | 23·5 | 4·6 | – | – | – | – | – | – | Swansea. |
| Wolverhampton | 88,051 | 60 | 38 | 20 | 11 | – | – | 1 | 1 | – | – | – | 1 | 1 | 1 | – | 22·5 | 1·2 | 47·7 | 28·2 | 37·7 | 3·17 | 0·29 | 0·74 | Wolverhampton |
| Birmingham | 510,343 | 320 | 235 | 68 | 45 | – | 8 | 1 | 2 | 9 | 1 | 3 | 8 | 10 | 33 | 14 | 24·0 | 2·5 | – | – | – | – | – | – | Birmingham. |
| Norwich | 111,699 | 76 | 40 | 10 | 17 | – | – | – | – | 2 | 1 | – | 1 | 2 | 8 | – | 18·7 | 1·4 | 50·8 | 28·0 | 38·5 | 3·61 | 0·40 | 1·02 | Norwich. |
| Leicester | 208,662 | 113 | 87 | 14 | 23 | – | 20 | – | – | – | – | 2 | 3 | 3 | 12 | 2 | 21·7 | 5·5 | – | – | – | – | – | – | Leicester. |
| Nottingham | 236,137 | 134 | 105 | 21 | 37 | – | – | – | 1 | 5 | 1 | – | 3 | 8 | 16 | 2 | 23·2 | 1·5 | 49·9 | 28·2 | 39·2 | 4·00 | 0·40 | 1·02 | Nottingham. |
| Derby | 104,834 | 55 | 37 | 7 | 7 | – | 3 | – | – | 1 | – | 1 | 3 | 6 | 10 | – | 18·4 | 2·5 | – | – | – | – | – | – | Derby. |
| Birkenhead | 113,189 | 68 | 36 | 14 | 9 | – | – | 2 | 3 | – | 1 | – | 1 | 3 | 6 | – | 16·6 | 2·8 | – | – | – | – | – | – | Birkenhead. |
| Liverpool | 633,645 | 411 | 278 | 68 | 62 | – | 3 | 3 | 4 | 5 | – | 2 | 10 | 12 | 61 | 15 | 22·9 | 1·4 | 46·2 | 32·4 | 39·0 | 3·89 | 0·30 | 0·76 | Liverpool. |
| Bolton | 122,495 | 64 | 40 | 5 | 14 | – | – | – | – | – | – | 1 | 1 | 1 | 3 | – | 17·0 | 0·4 | – | – | – | – | – | – | Bolton. |
| Manchester | 539,079 | 325 | 234 | 48 | 56 | – | 4 | 2 | 1 | 4 | 2 | 5 | 8 | 15 | 60 | 2 | 22·6 | 1·7 | – | – | – | – | – | – | Manchester. |
| Salford | 215,702 | 163 | 83 | 18 | 12 | – | 1 | – | – | 2 | – | 2 | 3 | 4 | 18 | 5 | 20·1 | 1·2 | – | – | – | – | – | – | Salford. |
| Oldham | 148,288 | 66 | 50 | 9 | 12 | – | 4 | – | – | 3 | – | 1 | 1 | 1 | 8 | – | 17·6 | 2·8 | – | – | – | – | – | – | Oldham. |
| Burnley | 109,546 | 51 | 38 | 7 | 10 | – | – | – | – | – | – | – | 1 | 3 | 4 | – | 18·1 | – | – | – | – | – | – | – | Burnley. |
| Blackburn | 133,228 | 71 | 40 | 10 | 8 | – | 4 | – | – | – | – | – | – | 2 | 3 | 2 | 15·7 | 1·6 | – | – | – | – | – | – | Blackburn. |
| Preston | 116,356 | 86 | 29 | 12 | 8 | – | 1 | – | – | – | – | 1 | – | – | 2 | 2 | 13·0 | 0·9 | – | – | – | – | – | – | Preston. |
| Huddersfield | 102,454 | 41 | 34 | 5 | 9 | – | 3 | 1 | 1 | – | 1 | 1 | – | 2 | 3 | 1 | 17·3 | 3·6 | 45·6 | 31·3 | 37·4 | 3·00 | 1·13 | 2·87 | Huddersfield. |
| Halifax | 96,729 | 43 | 36 | 6 | 18 | – | – | – | – | – | – | 1 | 1 | 3 | 2 | 2 | 19·4 | 0·5 | – | – | – | – | – | – | Halifax. |
| Bradford | 233,737 | 105 | 74 | 18 | 19 | – | 4 | – | – | – | – | – | 4 | 10 | 8 | – | 16·5 | 0·9 | 47·4 | 33·6 | 40·3 | 4·61 | 0·83 | 2·11 | Bradford. |
| Leeds | 416,618 | 246 | 157 | 26 | 43 | – | 6 | 3 | 4 | 2 | – | – | 3 | 6 | 19 | 1 | 19·6 | 1·9 | – | – | – | – | – | – | Leeds. |
| Sheffield | 356,478 | 199 | 138 | 30 | 31 | – | 7 | 1 | – | 4 | 1 | 1 | 1 | 1 | 17 | 6 | 20·2 | 2·0 | – | – | – | – | – | – | Sheffield. |
| Hull | 229,887 | 178 | 83 | 24 | 27 | – | 3 | – | 1 | 2 | – | – | 2 | 5 | 15 | 1 | 18·8 | 1·4 | 48·0 | 30·0 | 38·0 | 3·33 | 0·37 | 0·94 | Hull. |
| Sunderland | 143,849 | 104 | 66 | 10 | 19 | – | 3 | 1 | 1 | – | – | 1 | 5 | 11 | 10 | – | 23·9 | 2·2 | – | – | – | – | – | – | Sunderland. |
| Gateshead | 103,775 | 74 | 52 | 18 | 6 | – | 3 | – | – | 2 | 2 | 1 | 2 | 7 | 8 | – | 26·1 | 4·0 | – | – | – | – | – | – | Gateshead. |
| Newcastle | 223,021 | 145 | 75 | 13 | 18 | – | – | 1 | – | 1 | 1 | – | 5 | 10 | 15 | – | 17·5 | 0·7 | – | – | – | – | – | – | Newcastle. |

* See note* on first page of this return

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the NINTH Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2778 | 2608 | 2560 | 2872 | 2295 | 2783 | 2564 | 2671 | 2628 | 2511 | 2764·4 | 2585 |
| Males | 1439 | 1321 | 1264 | 1419 | 1183 | 1416 | 1336 | 1349 | 1343 | 1279 | 1404·7 | 1356 |
| Females | 1339 | 1287 | 1296 | 1453 | 1112 | 1367 | 1228 | 1322 | 1285 | 1232 | 1359·7 | 1229 |
| TOTAL **Deaths** | 1794 | 1472 | 1803 | 2019 | 1545 | 1718 | 1748 | 3246 | 1729 | 1493 | 1953·8 | 1805 |
| Males | 910 | 737 | 888 | 1009 | 767 | 850 | 865 | 1562 | 868 | 768 | 970·6 | 925 |
| Females | 884 | 735 | 915 | 1010 | 778 | 868 | 883 | 1684 | 861 | 725 | 983·2 | 880 |

* The numbers in this column are the average weekly numbers in the ninth week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | Dec. 11. | Dec. 18. | Dec. 25. | Jan. 1. | Jan. 8. | Jan. 15. | Jan. 22. | Jan. 29. | Feb. 5. | Feb. 12. | Feb. 19. | Feb. 26. | Mar. 5. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2489 | 2623 | 2106 | 2363 | 3001 | 2703 | 2631 | 2639 | 2603 | 2843 | 2527 | 2644 | 2585 |
| TOTAL **Deaths** | 1866 | 1796 | 1555 | 2360 | 1990 | 1982 | 2021 | 1764 | 1861 | 1922 | 1856 | 1889 | 1805 |
| Ages at Death: Under 1 year | 411 | 362 | 339 | 443 | 345 | 373 | 404 | 358 | 385 | 366 | 392 | 398 | 383 |
| 1—5 years | 353 | 313 | 277 | 456 | 361 | 353 | 367 | 306 | 298 | 318 | 318 | 324 | 303 |
| 5—20 ,, | 84 | 108 | 82 | 111 | 90 | 85 | 76 | 72 | 92 | 93 | 75 | 100 | 98 |
| 20—40 ,, | 202 | 198 | 187 | 267 | 231 | 225 | 203 | 206 | 204 | 230 | 221 | 226 | 218 |
| 40—60 ,, | 343 | 316 | 262 | 436 | 389 | 385 | 366 | 341 | 335 | 342 | 334 | 363 | 334 |
| 60—80 ,, | 373 | 410 | 321 | 544 | 472 | 470 | 490 | 372 | 438 | 467 | 423 | 391 | 379 |
| 80 years and upwards | 100 | 89 | 87 | 103 | 102 | 91 | 115 | 109 | 109 | 106 | 93 | 87 | 90 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Measles | 122 | 134 | 112 | 166 | 130 | 134 | 130 | 79 | 80 | 87 | 100 | 106 | 115 |
| Scarlet Fever | 18 | 19 | 9 | 11 | 19 | 15 | 17 | 17 | 12 | 19 | 9 | 11 | 8 |
| Diphtheria | 58 | 63 | 56 | 53 | 50 | 44 | 33 | 36 | 42 | 45 | 33 | 46 | 38 |
| Whooping-cough | 46 | 45 | 57 | 76 | 65 | 76 | 69 | 84 | 64 | 67 | 53 | 52 | 49 |
| Typhus | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Enteric Fever | 14 | 23 | 5 | 14 | 10 | 9 | 8 | 9 | 8 | 6 | 8 | 9 | 11 |
| Simple Continued Fever | – | – | – | – | – | – | – | 1 | 1 | – | – | – | – |
| Diarrhœa and Dysentery | 12 | 11 | 6 | 13 | 10 | 10 | 7 | 10 | 17 | 12 | 8 | 8 | 11 |
| Cholera | – | – | – | – | – | – | – | – | – | – | – | – | – |
| All the above Diseases | 270 | 295 | 245 | 333 | 284 | 288 | 264 | 236 | 224 | 236 | 211 | 232 | 232 |
| Dis. of Respiratory System | 468 | 458 | 353 | 700 | 533 | 516 | 567 | 471 | 471 | 468 | 438 | 416 | 425 |
| Phthisis | 168 | 157 | 160 | 201 | 180 | 212 | 170 | 159 | 163 | 192 | 180 | 179 | 172 |
| Dis. of Circulatory System | 151 | 151 | 131 | 167 | 186 | 161 | 153 | 135 | 126 | 164 | 141 | 161 | 153 |
| Violence | 64 | 60 | 79 | 117 | 79 | 77 | 87 | 52 | 78 | 61 | 77 | 74 | 53 |
| Inquest Cases | 153 | 146 | 158 | 251 | 205 | 173 | 167 | 130 | 153 | 159 | 169 | 174 | 141 |
| Deaths in Public Institutions | 532 | 513 | 413 | 603 | 533 | 533 | 523 | 478 | 538 | 532 | 551 | 515 | 476 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean | 41·7° | 46·2° | 35·8° | 45·1° | 43·4° | 41·8° | 45·1° | 42·4° | 44·0° | 43·0° | 42·7° | 37·6° | 38·9° |
| Mean of Highest readings | 47·5 | 50·8 | 40·3 | 48·7 | 48·9 | 44·6 | 48·1 | 45·2 | 49·4 | 48·3 | 47·6 | 44·8 | 46·2 |
| Mean of Lowest readings | 36·4 | 40·1 | 30·0 | 40·7 | 37·1 | 37·6 | 40·9 | 39·8 | 39·6 | 37·8 | 38·3 | 31·4 | 33·5 |
| Humidity of the Air | 82 | 87 | 88 | 87 | 89 | 85 | 91 | 80 | 79 | 81 | 80 | 76 | 81 |
| Rain-fall (in inches) | 0·86 | 0·63 | 0·02 | 0·66 | 0·49 | 0·00 | 0·12 | 0·00 | 0·28 | 0·20 | 0·35 | 0·21 | 0·59 |
| Registered Sunshine (in hours) | 9·1 | 13·5 | 12·9 | 5·0 | 11·1 | 3·5 | 3·4 | 2·2 | 10·2 | 7·0 | 9·4 | 25·8 | 15·1 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox | – | – | – | – | – | – | – | – | – | – | – | – | 1 |
| Scarlet Fever | 3806 | 3733 | 3619 | 3572 | 3450 | 3253 | 3149 | 3061 | 2964 | 2871 | 2781 | 2674 | 2534 |
| Diphtheria | 1110 | 1109 | 1086 | 1070 | 1062 | 1023 | 1045 | 1062 | 1044 | 1042 | 1058 | 1061 | 1047 |
| Enteric Fever | 151 | 138 | 129 | 116 | 111 | 110 | 109 | 106 | 96 | 93 | 87 | 84 | 82 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Boobbyer, Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.

ABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the NINTH Week of the Year 1898.

| AUSES OF DEATH. | Corrected Averages for the 9th Week of the 10 years 1888-97*. | In the Week ending Saturday, 5th March 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| AUSES - - - | 1953·8 | 1805 | 383 | 303 | 98 | 218 | 334 | 379 | 90 |
| ll- Vaccinated† - | 0·6 | – | – | – | – | – | – | – | – |
| Unvaccinated | 0·5 | – | – | – | – | – | – | – | – |
| No Statement | 0·3 | – | – | – | – | – | – | – | – |
| es - - - - - | 43·2 | 115 | 22 | 86 | 5 | – | 2 | – | – |
| et Fever - - - | 16·0 | 8 | – | 6 | 2 | – | – | – | – |
| us - - - - - | 0·2 | – | – | – | – | – | – | – | – |
| sing Fever - - | – | – | – | – | – | – | – | – | – |
| enza - - - - | 47·5 | 51 | 3 | 2 | 4 | 4 | 12 | 22 | 4 |
| ping-cough - - | 65·9 | 49 | 16 | 33 | – | – | – | – | – |
| theria - - | 36·7 | 38 | 3 | 21 | 14 | – | – | – | – |
| le Continued and defined Fever - | 0·2 | – | – | – | – | – | – | – | – |
| ric Fever - - - | 8·9 | 11 | – | 1 | 2 | 6 | 2 | – | – |
| era and Chol. Diarr. | 0·2 | – | – | – | – | – | – | – | – |
| rhœa, Dysentery - | 14·5 | 11 | 5 | 4 | – | – | – | 1 | 1 |
| ttent Fever - - | – | – | – | – | – | – | – | – | – |
| ophobia - - - | 0·1 | – | – | – | – | – | – | – | – |
| ders - - - - | – | – | – | – | – | – | – | – | – |
| pox and Effects of cination - - | 0·2 | – | – | – | – | – | – | – | – |
| real Affections - - | 10·6 | 5 | 5 | – | – | – | – | – | – |
| pelas - - - | 5·3 | 4 | 2 | – | – | 1 | 1 | – | – |
| nia and Septicæmia | 1·6 | – | – | – | – | – | – | – | – |
| peral Fever - - | 5·7 | 4 | – | – | – | 4 | – | – | – |
| r Zymotic Diseases | 2·2 | 1 | 1 | – | – | – | – | – | – |
| ish - - - - - | 1·1 | 1 | 1 | – | – | – | – | – | – |
| ms and other Parasical Diseases - | 0·6 | 1 | – | – | – | 1 | – | – | – |
| vation, Want of east-milk - - | 2·3 | 2 | 2 | – | – | – | – | – | – |
| holism - - - | 8·7 | 11 | – | – | – | 4 | 5 | 2 | – |
| umatic Fever, eumatism of Heart | 6·9 | 12 | | 1 | 6 | 2 | 1 | 2 | – |
| umatism - - - | 3·1 | 2 | – | – | – | 1 | – | 1 | – |
| t - - - - - | 3·6 | – | – | – | – | – | – | – | – |
| ets - - - - | 4·9 | 2 | 1 | 1 | – | – | – | – | – |
| er - - - - - | 66·6 | 74 | – | – | 1 | 5 | 39 | 27 | 2 |
| es Mesenterica - - | 22·4 | 11 | 7 | 3 | – | 1 | – | – | – |
| ercular Meningitis - | 22·3 | 30 | 10 | 14 | 4 | 2 | – | – | – |
| nisis - - - - | 175·7 | 172 | 1 | 6 | 12 | 86 | 53 | 14 | – |
| fula, Tuberculosis - | 21·4 | 17 | 2 | 5 | 6 | 2 | – | 2 | – |
| er Constitutional seases - - | 14·1 | 15 | – | 1 | 3 | 3 | 1 | 6 | 1 |
| nature Birth - - | 50·3 | 60 | 60 | – | – | – | – | – | – |
| ectasis - - - | 2·6 | 6 | 6 | – | – | – | – | – | – |
| genital Malformans - - - | 9·2 | 15 | 13 | 1 | – | 1 | – | – | – |
| Age - - - - | 61·6 | 52 | – | – | – | – | 1 | 27 | 24 |
| plexy - - - | 47·2 | 50 | – | – | – | 6 | 15 | 25 | 4 |
| epsy - - - - | 8·1 | 16 | – | – | 4 | 6 | 4 | 2 | – |
| vulsions - - - | 46·6 | 42 | 35 | 7 | – | – | – | – | – |
| er Diseases of Brain d Nervous System | 98·8 | 83 | 7 | 11 | 2 | 6 | 27 | 24 | 6 |
| eases of Organs of pecial Sense - | 3·4 | 6 | 2 | 1 | 1 | 2 | – | – | – |

| CAUSES OF DEATH | Corrected Averages for the 9th Week of the 10 years 1888-97*. | In the Week ending Saturday, 5th March 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 163·5 | 153 | 9 | – | 5 | 24 | 40 | 65 | 10 |
| Croup - - - - | 9·3 | 3 | – | 3 | – | – | – | – | – |
| Bronchitis - - - | 342·5 | 252 | 46 | 33 | 5 | 7 | 39 | 100 | 22 |
| Pneumonia - - - | 161·4 | 129 | 35 | 39 | 6 | 15 | 17 | 12 | 5 |
| Pleurisy - - - - | 8·6 | 4 | 1 | 1 | – | – | 2 | – | – |
| Other Diseases of Respiratory System - | 41·7 | 37 | 7 | 3 | 2 | 3 | 11 | 8 | 3 |
| Dentition - - - - | 12·5 | 10 | 4 | 6 | – | – | – | – | – |
| Quinsy, Sore Throat - | 2·7 | 3 | – | – | – | 2 | 1 | – | – |
| Enteritis - - - - | 10·5 | 16 | 9 | – | 2 | 1 | – | 4 | – |
| Peritonitis - - - | 6·5 | 4 | – | 1 | – | 1 | 2 | – | – |
| Diseases of Liver - - | 25·8 | 21 | 2 | – | – | – | 16 | 3 | – |
| Other Diseases of Digestive System | 31·5 | 24 | 5 | – | 2 | 1 | 8 | 8 | – |
| Diseases of Lymphatic System & of Ductless Glands - - - | 1·9 | 1 | – | – | – | 1 | – | – | – |
| Diseases of Urinary System - - - | 48·8 | 49 | – | – | 2 | 5 | 24 | 13 | 5 |
| Diseases of Generative System - - - | 5·9 | 5 | – | – | – | 2 | 3 | – | – |
| Accidents of Childbirth - | 5·3 | 4 | – | – | – | 3 | 1 | – | – |
| Diseases of Locomotive System - - - | 7·9 | 3 | – | 2 | – | – | – | – | 1 |
| Diseases of Integumentary System - - | 5·4 | 6 | 4 | – | – | – | 1 | – | 1 |
| VIOLENT DEATHS‡ (ACCIDENT.) | | | | | | | | | |
| By Railways - - - | 53·7 | 1 | – | – | – | 1 | – | – | – |
| By Vehicles or Horses - | | 4 | – | – | 1 | 1 | 1 | 1 | – |
| In Ships, Boats, Docks, (exclusive of Drowning) - - - | | – | – | – | – | – | – | – | – |
| In Building Operations - | | – | – | – | – | – | – | – | – |
| In Conflagrations - - | | 2 | – | 2 | – | – | – | – | – |
| By Burns, Scalds, Explosions - - | | 7 | 1 | 2 | 4 | – | – | – | – |
| By Drowning - - - | | 2 | – | – | – | 1 | 1 | – | – |
| By Suffocation in Bed - | | 14 | 13 | – | – | – | 1 | – | – |
| By Poisons or Poisonous Vapours - - | | 1 | – | – | – | – | – | 1 | – |
| Other or not stated causes - - - - | | 8 | 1 | – | 2 | 1 | 1 | 3 | – |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - | 0·9 | 4 | – | 1 | – | 1 | – | 2 | – |
| Suicide - - - - | 7·8 | 10 | – | – | – | 5 | 2 | 3 | – |
| Execution - - - | 0·2 | – | – | – | – | – | – | – | – |
| OTHER CAUSES - - | 57·6 | 51 | 42 | 6 | 1 | – | – | 1 | 1 |

The numbers in this column are the average weekly deaths for the ten years 1888-97, raised by 5·230 per cent. for increase opulation.

Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered lical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the se of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of ident, murder, manslaughter or suicide. All such cases are classed under "accident."

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 5th March, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2585 | 1805 | 383 | 469 | - | 115 | 8 | 38 | 49 | - | 11 | - | 11 | 53 | 141 | 476 |
| WEST DISTRICTS - - - | 778,251 | 379 | 314 | 54 | 85 | - | 33 | - | 4 | 4 | - | 1 | - | 3 | 8 | 26 | 71 |
| NORTH DISTRICTS - - - | 1,040,694 | 546 | 362 | 79 | 79 | - | 31 | 1 | 16 | 16 | - | 4 | - | - | 7 | 19 | 88 |
| CENTRAL DISTRICTS - - - | 233,635 | 115 | 101 | 24 | 27 | - | 3 | - | - | 1 | - | - | - | 1 | 6 | 12 | 31 |
| EAST DISTRICTS - - - | 716,334 | 534 | 348 | 84 | 78 | - | 16 | 1 | 4 | 20 | - | 1 | - | 4 | 8 | 31 | 103 |
| SOUTH DISTRICTS - - - | 1,642,796 | 1011 | 643 | 142 | 190 | - | 32 | 3 | 14 | 8 | - | 5 | - | 3 | 24 | 53 | 146 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | -- | - | 37 | - | 10 | - | - | 3 | - | - | - | - | - | - | - | - | 37 |
| WEST DISTRICTS. | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 46 | 40 | 6 | 14 | - | 1 | - | 1 | - | - | - | - | - | - | 2 | 7 |
| St. John Paddington *H* - - G. | 33,510 | 9 | 16 | 1 | 6 | - | - | - | - | - | - | - | - | - | 1 | 1 | 9 |
| Kensington Town *Ww* - - W. | 122,164 | 57 | 50 | 11 | 15 | - | 5 | - | - | 1 | - | - | - | 1 | - | - | 10 |
| Brompton *H* - - - W. & C. | 48,301 | 10 | 18 | - | 9 | - | 1 | - | - | - | - | - | - | - | 2 | 3 | 4 |
| St. Peter Hammersmith - - W. | 9,097 | 5 | 3 | 1 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - |
| St. Paul Hammersmith *HH* W. & G. | 35,102 | 42 | 44 | 9 | 12 | - | 12 | - | 1 | - | - | - | - | - | - | 2 | 1 |
| Fulham *Ww* - - - W. & C. | 113,781 | 104 | 50 | 14 | 8 | - | 3 | - | 2 | - | - | 1 | - | - | 1 | 5 | 13 |
| Chelsea Kensal Town - C. | 21,450 | 7 | 2 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Chelsea North *WHHHHH* - C. | 42,057 | 24 | 14 | 1 | 3 | - | 3 | - | - | - | - | - | - | - | - | - | 9 |
| Chelsea South *HH* - - C. | 33,139 | 12 | 14 | 2 | 5 | - | 2 | - | - | - | - | - | - | - | - | 1 | 3 |
| May Fair *W* - - - - G. | 23,827 | 6 | 7 | - | 3 | - | 1 | - | - | - | - | - | - | - | - | - | 2 |
| Belgrave *WHHH* - - - C. | 56,140 | 23 | 28 | 4 | 4 | - | 2 | - | - | 2 | - | - | - | - | 3 | 4 | 9 |
| St. John Westminster *HH* - C. | 31,492 | 14 | 16 | 2 | 3 | - | 1 | - | - | 1 | - | - | - | - | - | 5 | 1 |
| St. Margaret Westminster *H*- C. | 22,097 | 6 | 6 | 1 | - | - | 1 | - | - | - | - | - | - | 2 | 1 | 2 | 2 |
| St. James Westminster *WHH* N. & G. | 23,050 | 8 | 4 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 6 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| NORTH DISTRICTS. | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - - W. | 36,595 | 16 | 18 | 5 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | 10 |
| Rectory Marylebone *W* G. & W. | 19,798 | 5 | 5 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 39 | 8 | 3 | 2 | - | - | - | - | 1 | - | - | - | - | - | - | 3 |
| Christchurch Marylebone *H* - W. | 32,547 | 18 | 9 | 4 | 1 | - | - | - | - | 2 | - | - | - | - | - | - | - |
| St. John Marylebone *HHH* W. | 32,611 | 10 | 4 | - | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 27 | 21 | 5 | 4 | - | 1 | - | 3 | - | - | 1 | - | - | - | 1 | 5 |
| Regent's Park Pancras *HH* - W. | 37,341 | 24 | 8 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Tottenham-court *wHHH* - N. & W. | 26,757 | 10 | 19 | 3 | 4 | - | 3 | - | - | - | - | - | - | - | - | - | 9 |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 17 | 8 | - | 2 | - | - | - | - | - | - | - | - | - | 1 | 1 | 2 |
| Somers Town *HH* - - - N. | 32,161 | 23 | 9 | 4 | - | - | 1 | - | - | - | - | - | - | - | - | - | 2 |
| Camden Town *WH* - - N. | 16,669 | 13 | 6 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - | 3 |
| Kentish Town *WW* - - N. | 98,410 | 52 | 23 | 1 | 6 | - | 2 | - | 2 | - | - | - | - | - | - | 3 | 1 |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 41 | 59 | 12 | 19 | - | 2 | - | - | 2 | - | - | - | - | 2 | 2 | 28 |
| Islington South-west *H* - N. | 107,365 | 59 | 38 | 11 | 9 | - | 12 | - | - | 1 | - | - | - | - | 1 | 4 | - |
| Islington South-east - - N. | 66,549 | 36 | 26 | 9 | 2 | - | 1 | - | 1 | 5 | - | - | - | - | 2 | 3 | - |
| Highbury *HH* - - - N. | 64,577 | 26 | 18 | - | 7 | - | 2 | - | - | 1 | - | - | - | - | - | - | 1 |
| Stoke Newington *H* - N. | 33,485 | 12 | 7 | 1 | 4 | - | 2 | - | - | - | - | - | - | - | - | - | - |
| North Hackney - - E. & N. | 213,044 | 16 | 4 | 1 | - | - | 1 | - | - | 2 | - | 1 | - | - | - | - | - |
| Central Hackney *ww* - E. & N. | | 27 | 29 | 4 | 3 | - | 2 | 1 | 10 | 1 | - | - | - | - | - | 1 | 12 |
| South-west Hackney *HHH* E. & N. | | 32 | 21 | 4 | 5 | - | 1 | - | - | 1 | - | 1 | - | - | 1 | 2 | 5 |
| South-east Hackney *WwH* E. & N. | | 43 | 22 | 4 | 6 | - | - | - | - | - | - | 1 | - | - | - | 1 | 7 |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers are received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. The Roman capitals signify the Water Companies which supply the different Sub-districts; G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River; E. East London; and K. the Kent Company.

* See note † on first page of this Return.

BLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 5th March, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CENTRAL DISTRICTS. | | | | | | | | | | | | | | | | | | |
| . George Bloomsbury - - N. | 16,110 | 3 | 4 | - | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| . Giles South *WH* - - N. | 12,976 | 14 | 7 | 2 | 3 | - | 1 | - | - | - | - | - | - | - | - | 1 | 2 | - |
| Giles North *H* - - - N. | 9,151 | 4 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| . Martin-in-the-Fields *HH* N. & C. | 13,077 | 2 | 5 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 3 | 1 |
| rand *WHH* - - - - N. | 11,839 | 5 | 10 | - | 2 | - | - | - | - | - | - | - | - | - | - | 1 | 4 | - |
| *rand Union Workhouse, Edmonton* | †1,037 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| olborn *wHHHHHHH* - N. | 31,042 | 16 | 8 | 6 | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| t. James Clerkenwell - - N. | 15,777 | 8 | 3 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| mwell Clerkenwell - - N. | 34,356 | 17 | 11 | 4 | 4 | - | - | - | - | 1 | - | - | - | 1 | 1 | 1 | - | - |
| oswell-street - - - - N. | 16,069 | 12 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| nty-road *HHHL* - - - N. | 29,897 | 25 | 14 | 7 | 2 | - | 1 | - | - | - | - | - | - | - | 1 | 3 | 4 | - |
| hitecross-street - - - N. | 7,595 | 2 | 2 | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| insbury - - - - - N. | 4,035 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| *olborn Union Workhouse, Mitcham* - - - - | †892 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| t. Botolph *H* - - N. & E. | 6,870 | 3 | 4 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ripplegate - - - - N. | 3,299 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| t. Sepulchre *WH* - - - N. | 9,591 | 1 | 18 | - | 6 | - | - | - | - | - | - | - | - | - | 2 | 3 | 13 | - |
| llhallows Barking - - - N. | 9,059 | 1 | 6 | 1 | 2 | - | - | - | - | - | - | - | - | - | 2 | 3 | - | - |
| road Street *H* - - - N. | 2,892 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| *ity of London Asylum, Stone* - - | †388 | - | 4 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | 4 | - |
| EAST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| horeditch South *Hl* - E. & N. | 17,975 | 7 | 5 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| oxton New Town *w* - - N. | 29,575 | 27 | 13 | 3 | 5 | - | 1 | - | - | - | - | - | - | - | - | 2 | 4 | - |
| oxton Old Town - - - N. | 27,645 | 19 | 7 | 2 | 1 | - | 1 | - | - | 2 | - | - | - | - | - | - | - | - |
| aggerston *WH* - - N. & E. | 47,163 | 30 | 33 | 10 | 7 | - | - | - | - | 4 | - | - | - | 1 | 1 | 3 | 12 | - |
| ethnal Green North *H* - E. | 49,301 | 45 | 24 | 10 | 2 | - | - | - | 2 | 2 | - | - | - | - | - | 1 | - | - |
| ethnal Green South - - E. | 34,194 | 21 | 15 | 2 | 2 | - | 3 | - | - | 1 | - | - | - | 1 | - | 2 | - | - |
| ethnal Green East *WHl* - E. | 45,667 | 30 | 23 | 2 | 5 | - | - | - | - | 1 | - | - | - | - | - | 1 | 16 | - |
| pitalfields - - - E. & N. | 26,681 | 23 | 8 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | 2 | - | - |
| ile End New Town *W* - E. | 12,816 | 15 | 12 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - | 8 | - |
| hitechapel Church *H* - E. & N. | 25,561 | 21 | 21 | 2 | 4 | - | 1 | - | 1 | - | - | 1 | - | - | 1 | 3 | 16 | - |
| oodman's Fields - - - E. | 13,618 | 11 | 8 | 2 | 3 | - | - | - | - | 1 | - | - | - | - | - | - | - | 1 |
| t. George's North - - - E. | 39,576 | 32 | 20 | 10 | 3 | - | 2 | - | - | 2 | - | - | - | - | 2 | 4 | - | - |
| t. John, St. George East *W* E. | 7,930 | 6 | 8 | - | 2 | - | - | - | - | 1 | - | - | - | - | - | - | 7 | - |
| hadwell *H* - - - E. & N. | 10,434 | 13 | 14 | 4 | 1 | - | 2 | - | - | 1 | - | - | - | 1 | - | 1 | 9 | - |
| atcliff *W* - - - - E. | 14,954 | 5 | 4 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| imehouse - - - - E. | 32,917 | 15 | 13 | 5 | 1 | - | - | - | - | 1 | - | - | - | - | - | 1 | - | - |
| Mile End Old Town West *H* E. | 111,060 | 39 | 12 | 2 | 2 | - | 1 | - | - | - | - | - | - | - | - | 1 | - | - |
| Mile End Old Town East *WWww* - E. | | 43 | 21 | 7 | 9 | - | - | - | - | - | - | - | - | 1 | 1 | 2 | 9 | - |
| Bow *l* - - - E. | 41,687 | 30 | 14 | 4 | 4 | - | 2 | - | - | - | - | - | - | - | - | - | - | - |
| Bromley *wwwH* - - - E. | 69,821 | 59 | 54 | 11 | 19 | - | 3 | 1 | 1 | 4 | - | - | - | - | 2 | 5 | 21 | - |
| Poplar *WW* - - - - E. | 57,759 | 43 | 16 | 4 | 3 | - | - | - | - | 1 | - | - | - | - | 1 | 3 | - | - |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 5th March, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Continued Simple Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SOUTH DISTRICTS.** | | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WHL*.&S. | 13,064 | 7 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| St. Saviour Southwark - - S. | 12,301 | 5 | 2 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Kent-road - - - - S. & L. | 22,879 | 19 | 6 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Borough-road *WH* - S. & L | 16,083 | 12 | 10 | 2 | 1 | – | – | – | – | – | – | – | – | – | 3 | 3 | 2 | – |
| London-road *HL* - - L. & S. | 21,316 | 13 | 6 | 3 | – | – | – | – | – | – | – | – | – | – | 1 | 1 | 1 | – |
| Trinity Newington - - S. & L. | 28,723 | 21 | 15 | 8 | 1 | – | – | – | – | 1 | – | – | – | – | – | 1 | – | – |
| St. Peter Walworth *W* - S. & L. | 62,045 | 44 | 11 | 2 | 4 | – | – | – | – | – | – | – | – | – | – | 3 | – | – |
| St. Mary Newington- - L. & S. | 30,171 | 24 | 3 | – | 2 | – | – | – | – | – | – | – | – | – | 1 | 2 | – | – |
| St. Olave *WH*- - - - S. | 11,731 | 4 | 16 | 2 | 4 | – | 1 | – | – | – | – | – | – | – | 5 | 6 | 14 | – |
| Leather Market *W* - S & L. | 32,339 | 34 | 15 | 4 | 2 | – | 2 | – | – | – | – | – | – | – | – | – | 1 | – |
| St. James Bermondsey - - S. | 53,136 | 38 | 17 | 2 | 5 | – | – | – | 1 | – | – | – | – | – | – | 2 | – | – |
| Rotherhithe *WwH* - S & K. | 40,579 | 25 | 20 | 6 | 5 | – | 1 | – | – | – | – | – | – | – | – | – | 7 | – |
| Waterloo-road *HH* - L. & S. | 28,396 | 25 | 11 | 4 | 2 | – | 1 | – | – | – | – | – | – | – | – | 1 | 2 | – |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 17 | 17 | 2 | 1 | – | 2 | – | – | – | – | – | – | – | 3 | 5 | 12 | – |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 35 | 31 | 8 | 14 | – | – | – | – | – | – | 1 | – | – | 1 | 1 | 20 | 1 |
| Kennington 1st *H* - - S. & L. | 52,486 | 40 | 18 | 4 | 6 | – | – | – | – | 1 | – | – | – | – | – | 1 | – | – |
| Kennington 2nd - - S. & L. | 43,244 | 22 | 15 | 2 | 4 | – | – | – | – | – | – | – | – | – | 5 | 5 | – | – |
| Brixton *w* - - - L. & S | 81,825 | 31 | 27 | 4 | 11 | – | 1 | – | 3 | 1 | – | – | – | – | – | – | 3 | – |
| Norwood *WH*- - - - L. | 29,318 | 14 | 12 | 2 | 5 | – | 3 | – | – | 1 | – | – | – | – | – | – | 2 | – |
| East Battersea - - - - S. | 71,730 | 50 | 28 | 9 | 4 | – | 5 | – | 1 | – | – | – | – | – | – | 4 | – | – |
| West Battersea *WwH* - - S | 93,385 | 69 | 28 | 13 | 6 | – | – | – | – | 1 | – | – | – | – | – | 4 | 5 | – |
| Clapham *H* - - - - S. | 46,953 | 27 | 15 | 4 | 9 | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| Wandsworth *WHHL* - - S. | 58,101 | 49 | 30 | 10 | 5 | – | 3 | – | – | – | – | – | – | – | – | 3 | 2 | – |
| Putney - - - - - S. | 20,566 | 4 | 4 | 1 | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| Streatham *Wwww*- - - L. | 61,644 | 28 | 19 | 1 | 4 | – | – | – | 4 | – | – | – | – | – | 1 | 1 | 4 | – |
| Dulwich - - - - L. & S. | 7,519 | 2 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Camberwell *Wwll* - S. & L. | 90,286 | 52 | 59 | 5 | 30 | – | – | – | – | – | – | – | – | – | – | – | 31 | – |
| Peckham *WW* - S., L., & K. | 88,242 | 45 | 30 | 6 | 10 | – | 1 | – | – | – | – | 2 | – | – | 1 | 4 | – | – |
| St. George Camberwell - L. & S. | 67,029 | 36 | 17 | 6 | 6 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Deptford North - - - K. | 36,152 | 22 | 9 | – | 3 | – | – | – | – | 2 | – | – | – | – | – | 1 | – | – |
| Deptford Central *w* - - K. | 45,441 | 33 | 13 | 5 | 2 | – | 1 | – | 1 | – | – | 1 | – | – | – | – | 2 | – |
| Deptford South - - - K. | 33,402 | 10 | 12 | 3 | 2 | – | 3 | – | – | – | – | – | – | – | – | 1 | – | 1 |
| Greenwich West *H* - - K. | 23,012 | 13 | 8 | 3 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Greenwich East *WH* - - K. | 37 767 | 30 | 27 | 3 | 9 | – | 4 | – | – | – | – | – | – | 1 | 1 | 1 | 18 | – |
| Eltham *wH* - - - - K. | 5,911 | 2 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Lee *H* - - - - - K. | 24,222 | 6 | 9 | 1 | 4 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| Lewisham *WwH* - - - K. | 38,139 | 25 | 17 | 3 | 5 | – | – | – | 2 | – | – | – | – | 1 | – | – | 7 | 1 |
| Sydenham *H* - - - - L. | 37,601 | 16 | 9 | 2 | 4 | – | – | – | – | 1 | – | – | – | – | – | – | – | – |
| Charlton *wHH* - - K. | 15,928 | 5 | 12 | 3 | 2 | – | – | 3 | 2 | – | – | 1 | – | – | – | – | 6 | 1 |
| Woolwich Dockyard - - K. | 9,355 | 12 | 4 | 1 | – | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 11 | 11 | 1 | – | – | 2 | – | – | – | – | – | – | – | – | – | – | 2 |
| Plumstead West *H* - - K. | 16,714 | 2 | 6 | 1 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | 1 |
| Plumstead East *WH* - - K. | 42,538 | 32 | 21 | 2 | 11 | – | – | – | – | – | – | – | – | 1 | – | – | 7 | 1 |
| Banstead Asylum - - - - | — | – | 7 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 7 | – |
| Caterham Asylum - - - - | — | – | 4 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 4 | – |
| Cane Hill Asylum - - - - | — | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Hospital Ships and Camp, Dartford | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Darenth Asylum - - - - | — | – | 4 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 4 | – |
| Hanwell Asylum - - - - | — | – | 6 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 6 | – |
| Colney Hatch Asylum - - - | — | – | 4 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 4 | – |
| N.E. Hospital - - - - - | — | – | 3 | – | – | – | – | 3 | – | – | – | – | – | – | – | – | 3 | – |
| Winchmore Hill Hospital - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Leavesden Asylum - - - - | — | – | 4 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 4 | – |
| Claybury Asylum - - - - | — | – | 4 | – | – | – | – | – | – | – | – | – | – | – | – | – | 4 | – |

E 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 5th March, 1898.

| s-on ct 1 - ct r-s. | REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years & upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LONDON—OUTER RING - | 368,749 | 1,422,063 | 997 | 516 | 109 | 165 | - | 24 | - | 22 | 11 | 3 | 2 | 8 | 27 | 70 | 6 |
| :1 | Carshalton *wHH* - - | 12,228 | 26,108 | 16 | 5 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Epsom, *part of** *WwHH* - | 10,423 | 12,508 | 8 | 6 | 2 | 2 | - | - | - | - | - | - | - | - | - | 1 | 1 |
| :1 | Godstone, *part of** *W* - | 2,754 | 1,598 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| :1 | Croydon *WwHHH* - - | 20,851 | 128,699 | 67 | 53 | 5 | 23 | - | 3 | - | 1 | 1 | - | - | 1 | 3 | 13 | - |
| 2 | Mitcham *w* - - - | 11,697 | 23,088 | 10 | 9 | - | 2 | - | 2 | - | - | - | - | - | - | 2 | - | - |
| :1 | Wimbledon *HHH* - - | 3,220 | 25,761 | 20 | 7 | - | 4 | - | 1 | - | - | - | - | - | - | 1 | - | - |
| 2 | Kingston *W* - - - | 8,071 | 33,566 | 18 | 16 | 3 | 5 | - | 3 | - | 2 | - | - | - | - | 2 | 2 | - |
| 3 | Surbiton *H* - - - | | 11,199 | 1 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 4 | Esher, *part of** *HH* - - | 6,601 | 12,059 | 8 | 5 | - | 3 | - | 1 | - | - | - | - | - | - | - | - | - |
| 5 | Hampton *HL* - - - | 4,565 | 18,252 | 5 | 5 | 2 | 3 | - | - | - | - | - | - | - | - | - | - | 1 |
| :1 | Richmond *WH* - - - | 2,160 | 25,389 | 14 | 7 | 2 | 2 | - | - | - | - | - | - | - | 1 | 1 | 2 | - |
| 2 | Mortlake *H* - - - | 2,823 | 16,159 | 8 | 3 | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| :1 | Bromley *HHH* - - - | 9,127 | 23,815 | 11 | 5 | 1 | 3 | - | - | - | - | - | - | - | - | - | 1 | - |
| 2 | Beckenham *H* - - - | 6,542 | 21,969 | 8 | 5 | - | 3 | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 8 | 13 | 2 | 7 | - | - | - | - | 1 | - | - | - | - | 5 | - |
| :1 | Bexley *HHH* - - - | 12,540 | 30,590 | 25 | 14 | 4 | 2 | - | - | - | 1 | - | - | - | - | 1 | - | 1 |
| 2 | Dartford *WH*, part of* - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| :1 | Sunbury *w* - - - | 11,054 | 13,671 | 5 | 2 | - | 1 | - | - | - | - | - | 1 | - | - | - | - | - |
| 2 | Staines *WH* - - - | 13,277 | 13,221 | 7 | 8 | - | 4 | - | 1 | - | - | - | - | - | - | - | 6 | - |
| :1 | Hillingdon *WHH* - - | 6,035 | 12,237 | 9 | 7 | - | 2 | - | - | - | - | - | 1 | - | - | - | 2 | - |
| 2 | Uxbridge - - - - | 12,757 | 7,253 | 5 | 3 | 1 | 1 | - | - | - | 2 | - | - | - | - | - | - | - |
| 3 | Hayes *wH* - - - - | 7,952 | 11,051 | 11 | 3 | 1 | 1 | - | - | - | - | 1 | - | - | - | - | - | - |
| :1 | Isleworth *WHH* - - | 6,967 | 26,004 | 11 | 10 | 2 | 2 | - | - | - | - | - | - | - | - | - | 3 | - |
| 2 | Twickenham *HH* - - | 2,415 | 16,027 | 12 | 5 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Brentford *HHHH* - - | 4,318 | 37,777 | 24 | 15 | 5 | 3 | - | - | - | - | 3 | - | - | - | - | 1 | - |
| 4 | Chiswick - - - - | 1,245 | 21,963 | 16 | 10 | 2 | 3 | - | - | - | - | - | - | - | 1 | 1 | - | - |
| 5 | Acton *wH* - - - - | 6,132 | 30,945 | 25 | 6 | 1 | 1 | - | - | - | 1 | - | - | - | - | 1 | - | - |
| :1 | Harrow *HHH* - - - | 13,809 | 15,715 | 10 | 5 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Edgware *HH* - - - | 6,994 | 3,844 | 5 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Willesden *HHH* - - | 4,383 | 61,265 | 61 | 30 | 9 | 9 | - | 1 | - | 2 | 2 | - | - | 1 | 1 | 3 | - |
| 4 | Hendon *WH* - - - | 8,382 | 15,843 | 7 | 4 | - | 3 | - | - | - | - | - | - | - | - | - | 2 | - |
| :1 | South Mimms *HH* - - | 15,599 | 8,474 | 8 | 3 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Barnet *WHH* - - - | 5,478 | 12,045 | 12 | 5 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Finchley *HHH* - - - | 4,688 | 25,820 | 12 | 3 | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - |
| :1 | Hornsey *HH* - - - | 3,039 | 61,097 | 31 | 23 | 3 | 7 | - | 2 | - | - | - | - | - | - | - | - | - |
| 2 | Tottenham *HH* - - - | 4,642 | 97,174 | 70 | 27 | 10 | 7 | - | 3 | - | 2 | - | - | - | 1 | 1 | 3 | - |
| 3 | Edmonton *Www* - - | 7,489 | 36,351 | 24 | 15 | 2 | 4 | - | 1 | - | - | - | - | - | 1 | 2 | 6 | - |
| 4 | Enfield *WWHH* - - | 12,602 | 31,536 | 20 | 12 | 3 | 4 | - | - | - | 1 | - | - | - | 1 | 3 | 2 | - |
| 5 | Waltham Abbey - - - | 11,017 | 6,066 | 5 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 6 | Cheshunt *H* - - - | 8,480 | 9,620 | 3 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| :1 | Hatfield, *part of** *W* - | 3,306 | 582 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| :1 | Bushey *H* - - - - | 9,331 | 7,737 | 8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Watford *WH*, part of* - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| :1 | Stratford *H* - - - | 1,100 | 42,983 | 34 | 11 | 5 | 2 | - | - | - | - | - | - | - | - | - | - | 1 |
| 2 | Plaistow *WHH* - - - | 1,242 | 58,030 | 54 | 28 | 9 | 6 | - | 1 | - | 3 | - | 1 | 1 | - | - | 2 | 1 |
| 3 | Canning Town *H* - - | 1,558 | 54,750 | 55 | 22 | 7 | 3 | - | - | - | - | 2 | - | - | 1 | 4 | - | - |
| 4 | Forest Gate *w* - - - | 806 | 49,140 | 31 | 16 | 1 | 7 | - | 1 | - | - | - | - | - | - | - | - | 1 |
| 5 | East Ham *wH* - - - | 3,266 | 32,713 | 46 | 13 | 1 | 4 | - | - | - | - | 1 | - | - | - | - | - | - |
| 6 | Leyton *WWWwH* - - | 4,334 | 70,188 | 55 | 30 | 5 | 11 | - | - | - | 4 | - | - | - | - | 3 | 9 | - |
| 7 | Walthamstow *HHL* - - | 6,501 | 57,330 | 46 | 23 | 7 | 4 | - | 3 | - | 2 | - | - | 1 | - | - | 1 | - |
| :1 | Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 9 | 2 | - | 2 | - | - | - | - | - | - | - | - | 1 | - | - |
| 2 | Epping *WH*, part of* - - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| :1 | Romford, *part of** *WH* - | 6,556 | 4,324 | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Ilford - - - - - | 8,493 | 10,913 | 15 | 5 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Barking Town, *H* - - | 3,814 | 14,361 | 18 | 4 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| | London Fever Hosp. - - | — | — | - | 1 | - | - | - | - | - | 1 | - | - | - | - | - | 1 | - |
| | Middlesex Co. Lunatic Asy. Wandsworth. | — | — | - | 5 | - | 3 | - | - | - | - | - | - | - | - | - | 5 | - |

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring re as follows:—30: 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37: 1, the parishes of Warlingham nd Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst ub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in atfield sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping op. 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for nfectious Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford; and 187: 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 5th March, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | ANNUAL RATE of MORTALITY per 1000 living. From All Causes. | From Diseases in Cols. 8-14. | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. | 16. |
| GREATER LONDON | **443,421** | **6,408,321** | **18·9** | **2·4** | **2321** | **492** | **634** | **–** | **139** | **8** | **60** | **60** | **14** | **13** | **61** | **546** |
| INNER LONDON - | 74,672 | 4,504,766 | 20·9 | 2·7 | 1805 | 383 | 469 | – | 115 | 8 | 38 | 49 | 11 | 11 | 53 | 476 |
| OUTER RING - | 368,749 | 1,903,555 | 14·1 | 1·7 | 516 | 109 | 165 | – | 24 | – | 22 | 11 | 3 | 2 | 8 | 70 |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent to the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

| CITIES | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of Stillborn | DEATHS. Exclusive of Stillborn | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM PRINCIPAL ZYMOTIC DISEASES. Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœal Diseases. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 295,628 | March 5 | 145 | 112 | 19·8 | – | 1 | 2 | – | 3 | – | – |
| GLASGOW - - | 724,349 | „ 5 | 457 | 338 | 24·3 | – | 18 | 4 | 1 | 19 | 3 | 10 |
| DUBLIN - - | 349,594 | „ 5 | 221 | 218 | 32·5 | – | – | 5 | – | 2 | 7 | 2 |
| CALCUTTA - - | 466,460 | January 15 | – | – | – | – | – | – | – | – | – | – |
| BOMBAY - - | 821,764 | February 8 | 232 | 2042 | 129·2 | 2 | 8 | ? | ? | ? | 1212† | 95‡ |
| MADRAS - - | 452,518 | January 28 | 334 | 344 | 39·5 | 3 | 19 | ? | ? | ? | 99 | 39‡ |
| PARIS - - - | 2,511,629 | February 26 | 1323 | 988 | 20·4 | – | 20 | 1 | 9* | 5 | 2 | 24 |
| BRUSSELS - - | 531,024 | „ 26 | 292 | 167 | 16·3 | – | – | – | 2* | 2 | 1 | 4 |
| AMSTERDAM - | 503,045 | „ 19 | 350 | 143 | 14·8 | – | – | – | 1 | – | 2 | – |
| ROTTERDAM - | 290,004 | „ 19 | 243 | 105 | 18·8 | – | – | 1 | 2 | 2 | 3 | – |
| THE HAGUE - | 191,529 | „ 19 | 127 | 60 | 16·2 | – | – | – | – | 1 | 1 | – |
| COPENHAGEN - | 340,500 | „ 26 | – | – | – | – | – | – | – | – | – | – |
| STOCKHOLM - | 274,611 | „ 19 | 132 | 94 | 17·8 | – | – | 1 | 5* | 2 | – | 5 |
| CHRISTIANIA - | 192,141 | „ 26 | 168 | 61 | 16·6 | – | 1 | – | – | 1 | – | 1 |
| ST. PETERSBURG | 954,400 | „ 26 | 1042 | 619 | 33·8 | 2 | 10 | 14 | 17 | 4 | 41 | 46 |
| MOSCOW - - | 988,610 | „ 19 | – | 507 | 26·7 | – | 10 | 14 | 16 | – | 5 | 43 |
| BERLIN - - | 1,753,775 | „ 12 | 885 | 567 | 16·8 | – | 5 | 3 | 10 | 12 | 1 | 21 |
| HAMBURG - - | 661,015 | „ 26 | – | 190 | 14·9 | – | 1 | 1 | 1* | 2 | – | 3 |
| DRESDEN - - | 377,500 | „ 5 | 245 | 144 | 19·8 | – | 2 | 1 | 4* | – | – | 5 |
| BRESLAU - - | 392,795 | „ 26 | – | 186 | 24·7 | – | – | – | 5* | – | – | 15 |
| MUNICH - - | 430,000 | „ 26 | – | 195 | 23·6 | – | 1 | 1 | 4* | 2 | – | 26 |
| VIENNA - - | 1,574,129 | „ 26 | 1013 | 641 | 21·2 | – | 23 | 2 | 17* | – | 2 | 35 |
| PRAGUE - - | 377,109 | „ 26 | 244 | 187 | 25·8 | – | 2 | 2 | 1 | 1 | 5 | 3 |
| BUDA-PESTH - | 648,104 | „ 19 | 520 | 242 | 19·4 | – | 1 | 2 | 3 | 2 | 2 | 11 |
| TRIESTE - - | 164,491 | „ 26 | 119 | 162 | 50·2 | – | – | 2 | 3* | – | – | 2 |
| ROME - - - | 489,965 | January 29 | 281 | 249 | 26·5 | – | 4 | – | 1 | – | 2§ | 15 |
| TURIN (10 days) | 344,203 | „ 10 | 228 | 232 | 24·6 | – | 2 | 1 | – | – | 3 | 8 |
| VENICE - - | 167,074 | February 12 | 76 | 104 | 32·5 | – | – | – | 2* | – | – | 10 |
| CAIRO (8 days) - | 374,838 | December 31 | 488 | 383 | 46·6 | – | – | – | 4* | – | 5 | 55 |
| ALEXANDRIA (8 days). | 231,396 | „ 31 | 341 | 185 | 36·5 | 3 | – | – | – | – | 6 | 54 |
| NEW YORK (including BROOKLYN) | 3,438,899 | February 12 | 1331 | 1256 | 19·1 | – | 22 | 23 | 29 | 12 | 9 | 13 |
| PHILADELPHIA - | 1,240,266 | „ 19 | – | – | – | – | – | – | – | – | – | – |

* Including deaths from croup.
† Including 1113 deaths from bubonic fever.
‡ Including 5 deaths from cholera in Bombay and 2 in Madras.
§ Malarial fever.

| 1898. Month and Day. | | Phases of the Moon. | Barometer. Mean daily reading (corrected and reduced to 32° Fahrenheit). | Temperature. Of the Air. High-est. | Low-est. | Daily Range. | Mean daily value. | Departure from Average of 50 years. | Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Great-est. | Least. | Degree of Humidity (Saturation equals 100). | Temperature. Of Radiation. Highest in Sun's Rays. | Lowest on the Grass. | Of the Earth 3 feet below the Surface. | Wind as deduced from Anemometers. Osler's. General Direction. A.M. | P.M. | Pressure on the Square Foot. Great-est. | Least. | Mean of 24 hourly obs. | Robinson's. Horizontal Movement of the Air on each Day. | Departure from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FEBRUARY. | | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| SUNDAY - | 27 | .. | 29·763 | 47·2 | 36·4 | 10·8 | 41·7 | + 1·6 | 38·3 | 3·4 | 6·3 | 2·4 | 87 | 74·0 | 31·0 | 42·60 | SW. | WSW. & WNW. | 5·8 | 0·0 | 0·4 | 395 | +73 | 0·16 | 1·5 |
| MONDAY - | 28 | First Quarter | 29·820 | 46·2 | 34·3 | 11·9 | 40·7 | + 0·5 | 33·4 | 7·3 | 12·6 | 1·4 | 75 | 66·9 | 29·6 | 42·60 | WSW. & WNW. | WNW. & WSW. | 3·5 | 0·0 | 0·4 | 376 | + 50 | 0·00 | 0·0 |
| MARCH TUESDAY - | 1 | Apogee Greatest Dec. N. | 29·478 | 52·9 | 35·7 | 17·2 | 42·0 | + 1·8 | 36·6 | 5·4 | 14·0 | 2·3 | 81 | 93·0 | 31·0 | 42·59 | WSW. | W. & NW. | 11·0 | 0·0 | 1·2 | 600 | +271 | 0·10 | 0·0 |
| WEDNESDAY | 2 | .. | 29·551 | 47·2 | 34·6 | 12·6 | 39·9 | − 0·5 | 32·3 | 7·6 | 14·1 | 4·6 | 74 | 80·0 | 29·5 | 42·65 | W., WSW. & NW. | NW, WNW. & W. | 12·0 | 0·0 | 0·9 | 540 | +209 | 0·00 | 0·0 |
| THURSDAY- | 3 | .. | 29·598 | 43·2 | 30·9 | 12·3 | 35·7 | − 4·8 | 31·4 | 4·3 | 11·4 | 0·0 | 84 | 63·0 | 26·6 | 42·55 | W., WSW. & NNW. | NNW, variable & W. | 1·3 | 0·0 | 0·0 | 233 | −100 | 0·32 | 0·0 |
| FRIDAY - | 4 | .. | 29·673 | 44·3 | 32·2 | 12·1 | 36·5 | − 4·2 | 32·8 | 3·7 | 9·2 | 0·0 | 86 | 81·5 | 29·3 | 42·23 | NE. | NE., ENE. & NNE. | 2·3 | 0·0 | 0·1 | 236 | − 99 | 0·01 | 0·0 |
| SATURDAY - | 5 | .. | 29·648 | 42·7 | 30·7 | 12·0 | 36·0 | − 4·9 | 30·7 | 5·3 | 10·3 | 1·9 | 81 | 73·5 | 24·6 | 42·00 | NNE., NE. & N. | N., NE. & S. | 1·6 | 0·0 | 0·1 | 186 | −150 | 0·00 | 0·0 |
| MEANS - | - | | 29·647 | 46·2 | 33·5 | 12·7 | 38·9 | − 1·5 | 33·6 | 5·3 | 11·1 | 1·8 | 81 | 76·0 | 28·8 | 42·46 | W. & NE. | | .. | .. | .. | Sum 2566 | Sum +254 | Sum 0·59 | 0·2 |
| No. of Column - | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| Date. | | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. |
|---|---|---|---|---|
| FEBRUARY. | | | | |
| SUNDAY - | 27 | m. P. till 8h. A.M.; v. P. and v. N. till 6h. P.M.; m.P. afterwards. | 1·6 | 10·7 |
| MONDAY - | 28 | m. P. generally - | 3·2 | 10·8 |
| MARCH TUESDAY - | 1 | w. P. till 1h. P.M.; v. P. and v. N. till 4h. P.M.; s.P. afterwards. | 1·9 | 10·8 |
| WEDNESDAY | 2 | v. P. till 2h. P.M.; v. P. and v. N. till 6h. P.M; s.P. afterwards. | 1·4 | 10·9 |
| THURSDAY- | 3 | s. P. generally till 2h. P.M.; v. P. & v. N. afterwards. | 0·5 | 11·0 |
| FRIDAY - | 4 | v. P. generally | 3·4 | 11·0 |
| SATURDAY - | 5 | s. P. generally - | 3·1 | 11·1 |
| | | | Sum 15·1 | Sum 76·3 |
| No. of Col. - | - | 27 | 28 | 29 |

## GENERAL REMARKS.

Fine in morning; cloudy with frequent rain till 5h. P.M.; generally cloudless afterwards. Thunder in N. at about 4h. 45m. P.M.

Very fine with hoar frost in morning; generally cloudy afterwards. A little rain at midnight.

Cloudy till 5h. P.M.; very fine afterwards. A shower of rain and hail in afternoon.

Cloudy till noon; fine and partially cloudy till 4h. P.M.; very fine afterwards. Sharp showers of rain, snow and hail between 3h. and 4h. P.M.

Fine and partially cloudy till 3h. P.M. with slight shower of rain at 2h P.M.: generally overcast afterwards with continued rain and snow from 5h. P.M.

Overcast in morning with occasional snow till 1h. A.M.; fine with variable amounts of cloud afterwards. Occasional snow showers in afternoon.

Fine; partially cloudy. Hoar frost at night.

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased from 29·93 in. at the beginning of the week to 29·69 in. by 3h. P.M. on February 27th; increased to 29·84 in. by noon on February 28th; decreased to 29·41 in. by 1h. P.M. on March 1st; increased to 29·69 in. by 9h. P.M. on March 4th; and decreased to 29·62 in. by the end of the week.

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1898.

OFFICIAL COPY.

# WEEKLY RETURN
OF
# BIRTHS AND DEATHS IN LONDON
AND IN
# THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

*Printed under the Superintendence of Her Majesty's Stationery Office,*
AND SOLD BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 10. 1898. VOL. LIX.] WEEK ENDING SATURDAY, MARCH 12. [Price 1½*d.*

*General Register Office, Somerset House,*
*March 14th*, 1898.

## THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 21·1 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS. | Weeks ending Feb. 19. | Feb. 26. | Mar. 5. | Mar. 12. | TOWNS. | Weeks ending Feb. 19. | Feb. 26. | Mar. 5. | Mar. 12. |
|---|---|---|---|---|---|---|---|---|---|
| 33 Great Towns | 20·4 | 20·9 | 20·7 | 21·1 | Leicester - - | 16·0 | 21·0 | 21·7 | 17·0 |
| Birkenhead - | 17·5 | 20·3 | 16·6 | 15·7 | Liverpool - - | 23·4 | 24·7 | 22·9 | 25·1 |
| Birmingham - | 20·6 | 21·6 | 24·0 | 21·6 | London - - - | 21·5 | 21·9 | 20·9 | 21·5 |
| Blackburn - | 14·5 | 17·6 | 15·7 | 20·4 | Manchester - - | 20·5 | 21·8 | 22·6 | 22·9 |
| Bolton - - | 20·4 | 26·0 | 17·0 | 22·1 | Newcastle-on-Tyne | 17·8 | 18·9 | 17·5 | 21·5 |
| Bradford - | 19·9 | 14·5 | 16·5 | 20·1 | Norwich - - | 18·7 | 15·9 | 18·7 | 14·5 |
| Brighton - | 16·6 | 15·3 | 23·4 | 20·0 | Nottingham - - | 18·3 | 22·5 | 23·2 | 24·3 |
| Bristol - | 24·5 | 21·2 | 25·0 | 23·5 | Oldham - - | 15·5 | 15·8 | 17·6 | 22·2 |
| Burnley - | 15·2 | 20·5 | 18·1 | 13·8 | Plymouth - - | 22·1 | 17·4 | 23·1 | 14·7 |
| Cardiff - - | 22·9 | 17·3 | 21·4 | 18·5 | Portsmouth - - | 19·6 | 19·8 | 17·6 | 18·2 |
| Croydon - | 21·0 | 12·6 | 19·7 | 18·4 | Preston - - | 13·9 | 17·9 | 13·0 | 17·9 |
| Derby - - | 20·4 | 12·9 | 18·4 | 17·9 | Salford - - - | 21·5 | 21·3 | 20·1 | 19·8 |
| Gateshead - | 20·1 | 25·1 | 26·1 | 26·1 | Sheffield - - | 18·3 | 20·9 | 20·2 | 20·9 |
| Halifax - | 22·1 | 18·9 | 19·4 | 17·2 | Sunderland - - | 14·9 | 18·1 | 23·9 | 24·6 |
| Huddersfield- | 21·4 | 19·3 | 17·3 | 20·4 | Swansea - - | 25·0 | 22·5 | 23·5 | 29·1 |
| Hull - - - | 18·1 | 18·4 | 18·8 | 22·2 | West Ham - - | 15·6 | 16·2 | 15·3 | 17·5 |
| Leeds - - | 17·1 | 22·3 | 19·6 | 18·3 | Wolverhampton - | 29·0 | 30·2 | 22·5 | 16·0 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·0 in Salford, 1·1 in Sunderland, 1·2 in Cardiff and in Blackburn, 1·4 in Oldham, 1·5 in Huddersfield, 1·6 in London, 2·0 in Derby, 2·6 in Brighton, 3·6 in Bristol, 4·1 in Swansea, and 5·0 in Leicester; from *whooping-cough*, 1·0 in Sheffield and in Gateshead, 1·1 in Birmingham, and 1·8 in Oldham; and from "*fever*," 1·8 in Preston. In no case did the death-rate from *scarlet fever* or from *diarrhœa* reach 1·0 per 1000 in any of the thirty-three towns. The 68 deaths from *diphtheria* included 33 in London, 6 in West Ham, 4 in Bristol, 4 in Cardiff, 4 in Birmingham, and 3 in Liverpool. No death from *small-pox* was registered in any of the thirty-three towns.

In the registration district of Middlesbrough 42 deaths from small-pox were registered last week, making a total of 118 deaths from this disease since the beginning of the year; with the exception of 3 persons last week and 3 in previous weeks, all the deceased belonged to the municipal borough of Middlesbrough.

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

16245—660—3/98 Wt 63 D & S 3 K

## London.

In London* 2736 births and 1854 deaths were registered. Allowing for increase of population, the births were 11, and the deaths 163, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 21·5, 21·9, and 20·9 in the preceding three weeks, rose again last week to 21·5. During the four weeks ending on Saturday last the death-rate averaged 21·5 per 1000, being 0·9 per 1000 below the mean rate in the corresponding periods of the ten years 1888–97.

The 1854 deaths included 141 from measles, 8 from scarlet fever, 33 from diphtheria, 59 from whooping-cough, 7 from enteric fever, 9 from diarrhœa and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 257 deaths were referred to these diseases, being 62 above the corrected average weekly number.

The deaths from *measles*, which had been 100, 106, and 115 in the preceding three weeks, further rose last week to 141, and were 89 above the corrected average; 18 cases belonged to Islington, 14 to Lambeth, 14 to Woolwich, 10 to St. Marylebone, 9 to Hammersmith, 6 to Kensington, 5 to Hackney, 5 to Poplar, and 5 to Plumstead sanitary areas. The deaths from *scarlet fever*, which had been 9, 11, and 8 in the preceding three weeks, were again 8 last week, the corrected average being 14. The deaths from *diphtheria*, which had been 33, 46, and 38 in the preceding three weeks, further fell last week to 33, and were 3 below the corrected average; 5 cases belonged to Wandsworth, 4 to Camberwell, and 3 to St. George Southwark sanitary areas. The deaths from *whooping-cough*, which had been 53, 52, and 49 in the preceding three weeks, rose again last week to 59, but were 7 below the corrected average; 7 cases belonged to Islington, 6 to Bethnal Green, and 6 to Poplar sanitary areas. The fatal cases of *enteric fever*, which had been 8, 9, and 11 in the preceding three weeks, fell again last week to 7, and were 2 below the corrected average; 2 cases belonged to Chelsea sanitary area. The deaths from *diarrhœa*, which had been 8, 8, and 11 in the preceding three weeks, fell again last week to 9, and were 6 below the corrected average. The deaths referred to diseases of the respiratory organs, which had been 438, 416, and 425 in the preceding three weeks, further rose last week to 429, but were 136 below the corrected average. The deaths attributed directly to *influenza* numbered 44, having been 87, 81, and 51 in the preceding three weeks.

Different forms of violence caused 68 deaths, concerning all of which inquests were held. Of these 68 deaths, 11 were cases of suicide, and 2 of homicide, while the remaining 55 were attributed to accident or negligence. Three of these were referred to vehicles in the streets, 2 to a conflagration, 10 others to burns and scalds, and 13 (including 12 of infants under one year of age), to suffocation in bed.

## Cases of Infectious Sickness in Hospitals.†

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 1 case of small-pox, 2,445 cases of scarlet fever, 1,027 of diphtheria, and 84 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 197 cases, against 233, 199, and 175; of diphtheria, 122 cases, against 147, 125, and 128; and of enteric fever, 15 cases, against 14, 7, and 13.

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* Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

† The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found, after sojourn in the Hospital to have been erroneous.

## Greater London.

In Greater London 3877 births and 2395 deaths were registered, corresponding to annual rates of 31·6 and 19·5 per 1000 of the estimated population. In the Outer Ring 33 deaths from measles, 19 from diphtheria, 16 from whooping-cough, 1 from "fever," and 4 from diarrhœa were registered. Nine deaths from measles occurred in West Ham district, 6 in Edmonton district, and 6 in Croydon district; 9 deaths from diphtheria occurred in West Ham district, and 4 in Edmonton district.

## Meteorology.

The mean reading of the Barometer last week at Greenwich was 29·89 inches, and that of the Thermometer 37°·7, the latter being 3°·2 below the week's average in the 50 years 1841–90. The direction of the wind was north-easterly, the horizontal movement of the air being nearly equal to the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 18·0 hours; the measured rainfall amounted to 0·01 of an inch.

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## Returns of London Water Companies.

The London Water Companies have been good enough to furnish the following account of the number of services and the average daily amount of water supplied during the month of February 1898. The supply was in the ratio of 225 gallons to one service.

| Companies. | Number of Services. | | Daily Supply of Water in Gallons. | |
|---|---|---|---|---|
| | February, 1897. | February, 1898. | February, 1897. | February, 1898. |
| Total Supply | 839,698 | 854,913 | 190,775,550 | 192,480,452 |
| From Thames | 404,937 | 411,482 | 102,144,042 | 102,860,950 |
| From Lea and from other Sources | 434,761 | 443,431 | 88,631,508 | 89,619,502 |
| **Thames.** | | | | |
| Chelsea | 37,317 | 37,843 | 11,718,840 | 10,820,125 |
| West Middlesex | 80,697 | 81,908 | 19,063,481 | 19,598,378 |
| Southwark and Vauxhall | 120,088 | 121,277 | 32,511,859 | 31,720,858 |
| Grand Junction | 61,086 | 61,997 | 17,734,948 | 19,101,989 |
| Lambeth | 105,749 | 108,457 | 21,114,914 | 21,619,600 |
| **Lea and other Sources.** | | | | |
| New River | 161,360 | 163,379 | 32,400,000 | 33,375,605 |
| East London | 188,758 | 193,296 | 42,008,321 | 41,414,785 |
| Kent | 84,643 | 86,756 | 14,223,187 | 14,829,112 |

*Note.*—The Return for February 1898, as compared with that for the corresponding month of 1897 shows an increase of 15,215 services and of 1,704,902 gallons of water supplied daily.

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## Analysis of Metropolitan Water Supply during February 1898.

*Water-analysis Laboratory, The Yews, Reigate,*
*9th March*, 1898.

Sir,

I have to report to you the results of the chemical analysis, and of the physical and bacterioscopic examination, of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of February.

At the request of the Associated Metropolitan Water Companies, I have extended these monthly examinations to (*a*) the bacterioscopic and chemical condition of the raw river waters at the intakes of the various Companies, and (*b*) to the bacteriology of the water as it issues from the filter beds of each Company, and before it is pumped into the distributing mains.

I append, also, the results obtained in the analyses of the waters supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill, of Birmingham, and Dr. Mills, of Glasgow.

## *Analysis of Metropolitan Waters.*

### Results of Analysis expressed in Parts per 100,000.

| | Companies or Local Authorities. | Date and Place of Collection. | Temperature in Centigrade degrees. | Total Solid Matters. | Organic Carbon. | Organic Nitrogen. | Ammonia. | Nitrogen as Nitrates and Nitrites. | Total Combined Nitrogen. | Chlorine. | Total Hardness. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Inner Circle. | Thames. (Unfiltered water) - | February 17th, Grand Junction Co.'s intake at Hampton. | 7·1° | 33·00 | ·223 | ·040 | ·017 | ·261 | ·315 | 1·8 | 22·8 |
| | Chelsea - - - | February 21st, Cab Rank, Horse Guards, Whitehall. | 6·3 | 31·20 | ·145 | ·014 | 0 | ·251 | ·265 | 1·7 | 22·1 |
| | West Middlesex - | February 21st, Cab Rank, Riding House-street. | 5·4 | 31·20 | ·149 | ·013 | 0 | ·259 | ·272 | 1·7 | 21·8 |
| | Southwark - - | February 21st, Cab Rank, St. George's Church, Borough. | 6·9 | 32·14 | ·158 | ·014 | 0 | ·247 | ·261 | 1·7 | 22·1 |
| | Grand Junction - | February 21st, Cab Rank, Portman-street, Oxford-street. | 6·3 | 31·72 | ·133 | ·014 | 0 | ·244 | ·258 | 1·7 | 22·4 |
| | Lambeth - - - | February 21st, Cab Rank, St. George's-road, Southwark. | 6·7 | 32·80 | ·129 | ·018 | 0 | ·275 | ·293 | 1·8 | 23·9 |
| | Lea. (Unfiltered water) - | February 18th, New River Cut, Green Lanes. | 6·8 | 32·04 | ·078 | ·008 | ·004 | ·262 | ·273 | 1·6 | 23·6 |
| | New River - - | February 21st, Cab Rank, Tottenham Court-road. | 6·1 | 31·46 | ·050 | ·011 | 0 | ·252 | ·263 | 1·6 | 23·0 |
| | (Unfiltered water) - | February 19th, East London Co.'s intake at Angel-road. | 5·3 | 39·24 | ·144 | ·024 | ·012 | ·324 | ·358 | 2·0 | 27·1 |
| | East London - - | February 21st, Cab rank, Sidney-street, E. | 5·7 | 36·24 | ·123 | ·017 | 0 | ·260 | ·277 | 2·0 | 24·2 |
| | Deep Well. Kent - - - - | February 21st, Police Station, Blackheath-road. | 11·4 | 39·62 | ·030 | ·004 | 0 | ·430 | ·434 | 2·0 | 27·8 |
| Outer Circle. | East London - - | February 19th, Waltham Abbey Well. | — | 28·30 | ·121 | ·009 | ·008 | ·010 | ·025 | 2·0 | 19·8 |
| | Corporation of Birmingham* - - - - | February 16th, Court between 4 and 5, Oozells-street, North. | 8·3 | 41·30 | ·060 | ·030 | 0 | ·4 | ·430 | 2·5 | 32·0 |
| | Corporation of Glasgow† | February 15th, Loch Katrine water. | 6·0 | 3·16 | ·170 | ·024 | 0 | ·002 | ·026 | ·7 | 1·3 |
| | Column 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. |

* Analysed by Dr. Alfred Hill, F.I.C., Medical Officer of Health and Analyst to the City.
† Analysed by Dr. E. J. Mills, F.R.S., of the Glasgow and West of Scotland Technical College.

All the numbers contained in columns 4, 5, 6, 7, 8, 9, 10, and 11, relate to 100,000 parts of the waters. The table is to be read thus :—The Thames water collected on the 17th of February at the Grand Junction Company's intake at Hampton had a temperature of 7·1° C.; 100,000 lbs. of it contained 33·00 lbs. of solid matter in solution; the organic substances, constituting a portion of this matter, contained ·223 lb. of carbon and ·040 lb. of nitrogen. The above quantity of water also contained ·017 lb. of ammonia and ·261 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was ·315 lb. The above weight of water also contained 1·8 lbs. of chlorine, and 22·8 lbs. of carbonate of lime, or an equivalent amount of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

Taking the average amount of organic impurity in a given volume of Kent Company's water during the nine years ending December 1876, as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies, was :—Kent 0·6, New River 1·0, East London (deep well) 2·2, (river supply) 2·4, Grand Junction and Lambeth 2·5, West Middlesex 2·7, Chelsea and Southwark 2·9. The unfiltered waters contained the following proportions :—Thames at Hampton 4·4, New River Cut 1·5, and Lea at Angel Road 2·8.

The Thames at Hampton was, on February 17th, turbid and pale yellow in colour ; it was of indifferent chemical and bad bacterial quality ; but the water supplied by the five Companies drawing from this river was, in every case, efficiently filtered before delivery, and greatly improved in bacterial quality. The bacterial improvement effected by these Companies is expressed by the following percentage numbers :—Chelsea 99·93, West Middlesex 99·70, Southwark (No. 4 filter well) 99·93, (No. 7 filter well) 99·75 (general supply from Hampton) 99·35, Grand Junction (general filter well at Hampton) 99·33 (general filter well at Kew) 99·10 (south filter well at Kew) 99·84 and Lambeth 99·90.

The New River Cut before entering the storage and subsidence reservoirs of the New River Company, was, on February 18th, turbid and very pale yellow in colour. It was of excellent chemical, but indifferent bacterial, quality. After efficient filtration, it was delivered to consumers in most excellent chemical and bacterial condition ; ranking, in these respects, with the deep well waters. The bacterial improvement is expressed by the following percentage numbers :—General filter well 99·62 and No. 2 filter well 99·81.

The water drawn from the Lea at Angel Road by the East London Company was, on the 19th of February, turbid and pale yellow in colour. It was of good chemical but very bad bacterial quality. After storage and efficient filtration, however, it was delivered in excellent chemical and bacterial condition, the bacterial improvement being expressed by the following percentage numbers :—No. 1 Essex filter well 99·47, and No. 2 Essex well 99·53, and Middlesex well 99·82.

The deep well water of the Kent Company was clear and bright without filtration, but that of the East London Company was very slightly turbid. Both waters were of excellent chemical quality, and the Kent Company's supply contained only three microbes per cubic centimetre capable of developing on a gelatine peptone plate.

Seen through a stratum two feet deep, the Kent water was clear and colourless, the East London (deep well) very slightly turbid and nearly colourless, the New River clear and nearly colourless, and the remaining waters clear and very pale yellow.

The bacterioscopic examination of the river waters, before and after storage, and of the supplies delivered by the various Companies, and collected on the 17th, 18th, 19th, and 21st of February yielded, after due incubation, the results contained in the following table :—

| Description. | Microbes per c.c. | Temp. C. |
|---|---|---|
| **Raw and Stored River Waters.** | | ° |
| River Thames at Hampton, February 17th | 17,300 | 7·1 |
| " " after storage for 12 days (Chelsea Company), February 17th | 2,260 | 6·4 |
| West Middlesex Company's water ; mixture from old and new storage, February 18th | 540 | 6·1 |
| Grand Junction Company's water at Kew, passing to filters, February 18th | 2,780 | 7·2 |
| Lambeth Company's water passing to filter 5, February 17th | 3,960 | 6·8 |
| New River Cut before passing through reservoirs, February 18th | 4,220 | 6·8 |
| " " " after " " " | 1,220 | 6·9 |
| River Lea at Angel Road, February 19th | 19,460 | 5·3 |
| " " after storage (East London Company), February 19th | 1,960 | 4·9 |
| **Filtered River Waters as supplied.** | | |
| **Thames.** | | |
| Chelsea Company's general filter well, February 19th | 12 | 6·4 |
| West Middlesex Company's general filter well, February 18th | 52 | 6·1 |
| Southwark Company's No. 4 filter well, February 17 | 12 | 7·0 |
| " " " 7 " " " | 44 | 6·7 |
| " " tap on filtered water main at Hampton works, February 17th | 112 | 7·1 |
| Grand Junction Company's general filter well at Hampton, February 17th | 116 | 6·9 |
| " " " " " " Kew Bridge, February 18th | 156 | 6·9 |
| " " " South " " " " | 28 | 7·0 |
| Lambeth Company's general filter well, February 17th | 18 | 6·9 |
| **Lea.** | | |
| New River Company's general filter well, February 18th | 16 | 6·7 |
| " " " No. 2 " " " | 8 | 6·7 |
| East London Company's No. 1 Essex filter well, February 19th | 104 | 5·2 |
| " " " No. 2 " " " " | 92 | 5·1 |
| " " " Middlesex " " " | 36 | 5·4 |
| **Deep-well.** | | |
| Kent Company's "New" well at Deptford, February 21st | 3 | 11·3 |

Dr. Hill, F.I.C., Medical Officer of Health for Birmingham, reports that the water supplied to that City was "clear and pale blue in a two-foot tube."

Dr. Mills, F.R.S., of the Glasgow and West of Scotland Technical College, reports that the water supplied to that City from Loch Katrine was "light brown in colour, and contained a little suspended matter."

I am, &c.,

E. FRANKLAND.

The Registrar General, &c., &c.

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| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Registered during the Week ending 12th March 1898. Births. | Deaths. | The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Annual rate per 1000, corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6–12. | Temperature of the Air. Highest. Fahrenheit. | Lowest. Fahrenheit. | Mean. Fahrenheit. | Centigrade. | Rainfall. In Inches. | In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| **33 Towns** | **11,218,378** | **6710** | **4535** | **1015** | **1180** | **–** | **258** | **17** | **68** | **124** | **40** | **31** | **171** | **367** | **897** | **73** | **21·1** | **2·5** | **51·0** | **22·8** | **33·5** | **2·50** | **0·03** | **0·08** | **33 Towns.** |
| London | 4,504,766 | 2736 | 1854 | 381 | 494 | – | 141 | 8 | 33 | 59 | 7 | 9 | 68 | 176 | 471 | 14 | 21·5 | 3·0 | 47·0 | 29·5 | 37·7 | 3·17 | 0·01 | 0·03 | London. |
| West Ham | 285,654 | 198 | 96 | 25 | 26 | – | 5 | – | 6 | 4 | – | 1 | 4 | 5 | 10 | 3 | 17·5 | 2·9 | – | – | – | – | – | – | West Ham. |
| Croydon | 124,421 | 82 | 44 | 11 | 17 | – | 1 | – | 1 | – | – | – | – | 3 | 6 | – | 18·4 | 0·8 | 48·3 | 26·5 | 37·3 | 2·94 | 0·00 | 0·00 | Croydon. |
| Brighton | 122,310 | 50 | 47 | 4 | 12 | – | 6 | – | – | 1 | 1 | – | – | 2 | 7 | 1 | 20·0 | 3·4 | – | – | – | – | – | – | Brighton. |
| Portsmouth | 186,618 | 77 | 65 | 9 | 25 | – | – | – | – | 3 | – | 1 | – | 2 | 6 | – | 18·2 | 1·1 | 48·0 | 30·0 | 37·4 | 3·00 | 0·00 | 0·00 | Portsmouth. |
| Plymouth | 99,136 | 51 | 28 | 4 | 14 | – | – | – | – | – | – | – | – | – | 2 | – | 14·7 | – | – | – | – | – | – | – | Plymouth. |
| Bristol | 316,900 | 167 | 143 | 34 | 45 | – | 22 | – | 4 | 1 | 2 | – | 5 | 12 | 16 | – | 23·5 | 4·8 | 49·0 | 27·0 | 35·2 | 1·78 | 0·14 | 0·36 | Bristol. |
| Cardiff | 177,770 | 93 | 63 | 17 | 9 | – | 4 | – | 4 | 1 | – | – | – | 2 | 1 | 1 | 18·5 | 2·6 | – | – | – | – | – | – | Cardiff. |
| Swansea | 102,001 | 58 | 57 | 12 | 14 | – | 8 | – | – | – | – | – | 2 | 5 | 3 | – | 29·1 | 4·1 | – | – | – | – | – | – | Swansea. |
| Wolverhampton | 88,051 | 60 | 27 | 11 | 6 | – | 1 | – | 1 | – | 1 | – | – | 1 | 1 | – | 16·0 | 1·8 | 46·8 | 25·3 | 34·2 | 1·22 | 0·00 | 0·00 | Wolverhampton. |
| Birmingham | 510,343 | 301 | 211 | 45 | 54 | – | 3 | – | 4 | 11 | 3 | 2 | 11 | 11 | 44 | 12 | 21·6 | 2·3 | – | – | – | – | – | – | Birmingham. |
| Norwich | 111,699 | 67 | 31 | 5 | 11 | – | – | – | – | 1 | 2 | – | – | 1 | 5 | – | 14·5 | 1·4 | 46·2 | 22·8 | 36·2 | 2·33 | 0·03 | 0·08 | Norwich. |
| Leicester | 208,662 | 126 | 68 | 17 | 15 | – | 20 | 1 | – | 1 | – | – | 3 | 7 | 5 | 2 | 17·0 | 5·5 | – | – | – | – | – | – | Leicester. |
| Nottingham | 236,137 | 159 | 110 | 38 | 22 | – | – | – | – | – | 2 | 2 | 4 | 9 | 12 | 1 | 24·3 | 0·9 | 47·6 | 24·0 | 35·0 | 1·67 | 0·00 | 0·00 | Nottingham. |
| Derby | 104,834 | 42 | 36 | 4 | 13 | – | 4 | – | – | 1 | – | – | – | – | 1 | – | 17·9 | 2·5 | – | – | – | – | – | – | Derby. |
| Birkenhead | 113,189 | 63 | 34 | 6 | 8 | – | 2 | – | 2 | – | – | – | 1 | 1 | 7 | – | 15·7 | 1·8 | – | – | – | – | – | – | Birkenhead. |
| Liverpool | 633,645 | 464 | 305 | 80 | 73 | – | 3 | 1 | 3 | 7 | 1 | 4 | 20 | 25 | 76 | 17 | 25·1 | 1·6 | 47·4 | 28·8 | 37·1 | 2·83 | 0·15 | 0·38 | Liverpool. |
| Bolton | 122,495 | 72 | 52 | 8 | 14 | – | – | 1 | 2 | 2 | 1 | 1 | 1 | 4 | 5 | – | 22·1 | 3·0 | – | – | – | – | – | – | Bolton. |
| Manchester | 539,079 | 351 | 237 | 48 | 54 | – | 3 | 1 | 1 | 6 | 3 | 3 | 12 | 23 | 55 | 6 | 22·9 | 1·6 | – | – | – | – | – | – | Manchester. |
| Salford | 215,702 | 146 | 82 | 23 | 12 | – | 4 | 1 | – | 3 | 1 | – | 2 | 8 | 14 | 3 | 19·8 | 2·2 | – | – | – | – | – | – | Salford. |
| Oldham | 148,288 | 77 | 63 | 18 | 13 | – | 4 | – | – | 5 | – | 1 | 3 | 5 | 4 | – | 22·2 | 3·5 | – | – | – | – | – | – | Oldham. |
| Burnley | 109,546 | 45 | 29 | 10 | 8 | – | – | – | 1 | 1 | – | – | 3 | 4 | 3 | – | 13·8 | 1·0 | – | – | – | – | – | – | Burnley. |
| Blackburn | 133,228 | 74 | 52 | 20 | 11 | – | 3 | – | – | – | 1 | 2 | 4 | 5 | 7 | 4 | 20·4 | 2·3 | – | – | – | – | – | – | Blackburn. |
| Preston | 116,356 | 62 | 40 | 12 | 13 | – | – | – | – | – | 4 | – | – | – | 4 | 1 | 17·9 | 1·8 | – | – | – | – | – | – | Preston. |
| Huddersfield | 102,454 | 50 | 40 | 5 | 19 | – | 3 | – | 1 | – | – | – | 1 | 1 | 3 | 1 | 20·4 | 2·0 | 51·0 | 25·0 | 35·9 | 2·17 | 0·00 | 0·00 | Huddersfield. |
| Halifax | 96,729 | 49 | 32 | 2 | 13 | – | – | – | 1 | – | – | 1 | 1 | 1 | 12 | – | 17·2 | 1·1 | – | – | – | – | – | – | Halifax. |
| Bradford | 233,737 | 105 | 90 | 14 | 25 | – | 2 | – | – | 1 | 2 | – | 7 | 7 | 19 | 1 | 20·1 | 1·1 | 51·0 | 29·6 | 39·1 | 3·94 | 0·00 | 0·00 | Bradford. |
| Leeds | 416,618 | 223 | 146 | 39 | 26 | – | 7 | 1 | – | 5 | 1 | 1 | 3 | 16 | 20 | – | 18·3 | 1·9 | – | – | – | – | – | – | Leeds. |
| Sheffield | 356,478 | 220 | 143 | 33 | 34 | – | 3 | 2 | 2 | 7 | 1 | 1 | 5 | 8 | 27 | 4 | 20·9 | 2·3 | – | – | – | – | – | – | Sheffield. |
| Hull | 229,887 | 159 | 98 | 19 | 30 | – | 4 | 1 | – | 1 | 2 | – | 2 | 5 | 15 | 1 | 22·2 | 1·8 | 51·0 | 25·0 | 36·4 | 2·44 | 0·05 | 0·13 | Hull. |
| Sunderland | 143,849 | 74 | 68 | 16 | 19 | – | 3 | – | 1 | – | 2 | – | 5 | 8 | 11 | 1 | 24·6 | 2·2 | – | – | – | – | – | – | Sunderland. |
| Gateshead | 103,775 | 70 | 52 | 23 | 10 | – | – | – | – | 2 | 1 | – | 1 | 5 | 5 | – | 26·1 | 1·5 | – | – | – | – | – | – | Gateshead. |
| Newcastle | 223,021 | 139 | 92 | 22 | 21 | – | 2 | – | 1 | 1 | 2 | 2 | 3 | 5 | 20 | – | 21·5 | 1·9 | – | – | – | – | – | – | Newcastle. |

* See note * on first page of this return

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the TENTH Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2583 | 2698 | 2536 | 2505 | 2510 | 2769 | 2636 | 2681 | 2534 | 2654 | 2747·1 | 2736 |
| Males - - | 1375 | 1361 | 1325 | 1300 | 1283 | 1392 | 1358 | 1354 | 1241 | 1341 | 1402·7 | 1362 |
| Females - | 1208 | 1337 | 1211 | 1205 | 1227 | 1377 | 1278 | 1327 | 1293 | 1313 | 1344·4 | 1374 |
| TOTAL **Deaths** - | 1886 | 1637 | 1889 | 1783 | 1808 | 1576 | 1700 | 3471 | 1846 | 1571 | 2016·9 | 1854 |
| Males - - | 928 | 828 | 978 | 947 | 921 | 805 | 876 | 1600 | 948 | 808 | 1014·3 | 946 |
| Females - - | 958 | 809 | 911 | 836 | 887 | 771 | 824 | 1871 | 898 | 763 | 1002·6 | 908 |

* The numbers in this column are the average weekly numbers in the tenth week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | Dec. 18. | Dec. 25. | Jan. 1. | Jan. 8. | Jan. 15. | Jan. 22. | Jan. 29. | Feb. 5. | Feb. 12. | Feb. 19. | Feb. 26. | Mar. 5. | Mar. 12. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** - - - | 2623 | 2106 | 2363 | 3001 | 2703 | 2631 | 2639 | 2603 | 2843 | 2527 | 2644 | 2585 | 2736 |
| TOTAL **Deaths** - - - | 1796 | 1555 | 2360 | 1990 | 1982 | 2021 | 1764 | 1861 | 1922 | 1856 | 1889 | 1805 | 1854 |
| Ages at Death: Under 1 year - - | 362 | 339 | 443 | 345 | 373 | 404 | 358 | 385 | 366 | 392 | 398 | 383 | 381 |
| 1—5 years - - | 313 | 277 | 456 | 361 | 353 | 367 | 306 | 298 | 318 | 318 | 324 | 303 | 340 |
| 5—20 " - - | 108 | 82 | 111 | 90 | 85 | 76 | 72 | 92 | 93 | 75 | 100 | 98 | 97 |
| 20—40 " - - | 198 | 187 | 267 | 231 | 225 | 203 | 206 | 204 | 230 | 221 | 226 | 218 | 202 |
| 40—60 " - - | 316 | 262 | 436 | 389 | 385 | 366 | 341 | 335 | 342 | 334 | 363 | 334 | 340 |
| 60—80 " - - | 410 | 321 | 544 | 472 | 470 | 490 | 372 | 438 | 467 | 423 | 391 | 379 | 383 |
| 80 years and upwards | 89 | 87 | 103 | 102 | 91 | 115 | 109 | 109 | 106 | 93 | 87 | 90 | 111 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox - - - - | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Measles - - - - | 134 | 112 | 166 | 130 | 134 | 130 | 79 | 80 | 87 | 100 | 106 | 115 | 141 |
| Scarlet Fever - - - | 19 | 9 | 11 | 19 | 15 | 17 | 17 | 12 | 19 | 9 | 11 | 8 | 8 |
| Diphtheria - - - - | 63 | 56 | 53 | 50 | 44 | 33 | 36 | 42 | 45 | 33 | 46 | 38 | 33 |
| Whooping-cough - - - | 45 | 57 | 76 | 65 | 76 | 69 | 84 | 64 | 67 | 53 | 52 | 49 | 59 |
| Typhus - - - - - | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Enteric Fever - - - | 23 | 5 | 14 | 10 | 9 | 8 | 9 | 8 | 6 | 8 | 9 | 11 | 7 |
| Simple Continued Fever - | – | – | – | – | – | – | 1 | 1 | – | – | – | – | – |
| Diarrhœa and Dysentery .. | 11 | 6 | 13 | 10 | 10 | 7 | 10 | 17 | 12 | 8 | 8 | 11 | 9 |
| Cholera - - - - - | – | – | – | – | – | – | 1 | – | – | – | – | – | – |
| All the above Diseases - | 295 | 245 | 333 | 284 | 288 | 264 | 236 | 224 | 236 | 211 | 232 | 232 | 257 |
| Dis. of Respiratory System - | 458 | 353 | 700 | 533 | 516 | 567 | 471 | 471 | 468 | 438 | 416 | 425 | 429 |
| Phthisis - - - - - | 157 | 160 | 201 | 180 | 212 | 170 | 159 | 163 | 192 | 180 | 179 | 172 | 192 |
| Dis. of Circulatory System - | 151 | 131 | 167 | 186 | 161 | 153 | 135 | 126 | 164 | 141 | 161 | 153 | 141 |
| Violence - - - - | 60 | 79 | 117 | 79 | 77 | 87 | 52 | 78 | 61 | 77 | 74 | 53 | 68 |
| Inquest Cases - - - - | 146 | 158 | 251 | 205 | 173 | 167 | 130 | 153 | 159 | 169 | 174 | 142 | 176 |
| Deaths in Public Institutions - | 513 | 413 | 603 | 533 | 533 | 523 | 478 | 538 | 532 | 551 | 515 | 477 | 471 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean - - - - - | 46°·2 | 35°·8 | 45°·1 | 43°·4 | 41°·8 | 45°·1 | 42°·4 | 44°·0 | 43°·0 | 42°·7 | 37°·6 | 38°·9 | 37°·7 |
| Mean of Highest readings - | 50·8 | 40·3 | 48·7 | 48·9 | 44·6 | 48·1 | 45·2 | 49·4 | 48·3 | 47·6 | 44·8 | 46·2 | 43·9 |
| Mean of Lowest readings - | 40·1 | 30·0 | 40·7 | 37·1 | 37·6 | 40·9 | 39·8 | 39·6 | 37·8 | 38·3 | 31·4 | 33·5 | 32·3 |
| Humidity of the Air - - | 87 | 88 | 87 | 89 | 85 | 91 | 80 | 79 | 81 | 80 | 76 | 81 | 76 |
| Rain-fall (in inches) - - | 0·63 | 0·02 | 0·66 | 0·49 | 0·00 | 0·12 | 0·00 | 0·28 | 0·20 | 0·35 | 0·21 | 0·59 | 0·01 |
| Registered Sunshine (in hours) | 13·5 | 12·9 | 5·0 | 11·1 | 3·5 | 3·4 | 2·2 | 10·2 | 7·0 | 9·4 | 25·8 | 15·1 | 18·0 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox - - - - - | – | – | – | – | – | – | – | – | – | – | – | 1 | 1 |
| Scarlet Fever - - - - | 3733 | 3619 | 3572 | 3450 | 3253 | 3149 | 3061 | 2964 | 2871 | 2781 | 2674 | 2534 | 2445 |
| Diphtheria - - - - | 1109 | 1086 | 1070 | 1062 | 1023 | 1045 | 1062 | 1044 | 1042 | 1058 | 1061 | 1047 | 1027 |
| Enteric Fever - - - - | 138 | 129 | 116 | 111 | 110 | 109 | 106 | 96 | 93 | 87 | 84 | 82 | 84 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton: A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; Arthur Brown. Esq., M.Inst. C.E., and P. Boobbyer Esq.. M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S. Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.

ABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TENTH Week of the Year 1898.

| AUSES OF DEATH. | Corrected Averages for the 10th Week of the 10 years 1888–97*. | In the Week ending Saturday, 12th March 1898. Deaths of Persons of the Ages: All Ages. | Under 20. 0–1. | 1–5. | 5–20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| CAUSES - - - | 2016·9 | 1854 | 381 | 340 | 97 | 202 | 340 | 383 | 111 |
| ll- { Vaccinated† - | 0·6 | – | – | – | – | – | – | – | – |
| x { Unvaccinated | 0·2 | – | – | – | – | – | – | – | – |
| { No Statement | 0·5 | – | – | – | – | – | – | – | – |
| sles - - - - | 51·9 | 141 | 31 | 103 | 5 | 2 | – | – | – |
| let Fever - - - | 14·4 | 8 | – | 6 | 2 | – | – | – | – |
| nus - - - - | 0·1 | – | – | – | – | – | – | – | – |
| psing Fever - - | – | – | – | – | – | – | – | – | – |
| enza - - - - | 64·6 | 44 | – | 2 | 2 | 5 | 13 | 15 | 7 |
| oping-cough - - | 66·2 | 59 | 23 | 36 | – | – | – | – | – |
| itheria - - | 35·7 | 33 | 1 | 26 | 6 | – | – | – | – |
| ple Continued and -defined Fever - | 0·6 | – | – | – | – | – | – | – | – |
| eric Fever - - - | 9·0 | 7 | – | – | 1 | 5 | 1 | – | – |
| era and Chol. Diarr. | – | – | – | – | – | – | – | – | – |
| rhœa, Dysentery - | 15·3 | 9 | 7 | 2 | – | – | – | – | – |
| ittent Fever - - | 0·1 | – | – | – | – | – | – | – | – |
| rophobia - - - | 0·2 | – | – | – | – | – | – | – | – |
| nders - - - - | – | – | – | – | – | – | – | – | – |
| pox and Effects of accination - - | 0·1 | 1 | 1 | – | – | – | – | – | – |
| ereal Affections - - | 10·6 | 11 | 7 | 1 | – | 2 | 1 | – | – |
| sipelas - - - | 4·4 | 4 | 1 | – | – | – | 1 | 1 | 1 |
| mia and Septicæmia | 2·3 | – | – | – | – | – | – | – | – |
| rperal Fever - - | 6·1 | 4 | – | – | 1 | 3 | – | – | – |
| er Zymotic Diseases | 2·0 | – | – | – | – | – | – | – | – |
| ush - - - - | 1·2 | 1 | 1 | – | – | – | – | – | – |
| ms and other Parasitical Diseases - | 0·1 | – | – | – | – | – | – | – | – |
| vation, Want of east-milk - - | 2·1 | – | – | – | – | – | – | – | – |
| holism - - - | 8·3 | 14 | – | – | – | 1 | 10 | 3 | – |
| eumatic Fever, heumatism of Heart | 6·8 | 5 | – | – | 2 | 2 | – | 1 | – |
| eumatism - - - | 2·7 | 3 | – | – | – | – | 2 | 1 | – |
| nt - - - - - | 3·1 | 3 | – | – | – | – | – | 3 | – |
| kets - - - - | 6·5 | 8 | 4 | 3 | 1 | – | – | – | – |
| cer - - - - | 69·3 | 80 | – | 1 | 1 | 9 | 41 | 21 | 7 |
| es Mesenterica - - | 17·8 | 18 | 9 | 6 | 2 | 1 | – | – | – |
| ercular Meningitis - | 26·0 | 28 | 8 | 17 | 3 | – | – | – | – |
| hisis - - - - | 183·3 | 192 | 1 | 7 | 17 | 80 | 75 | 12 | – |
| ofula, Tuberculosis - | 20·9 | 25 | 5 | 4 | 9 | 4 | 3 | – | – |
| er Constitutional iseases - - | 15·8 | 10 | – | – | – | 1 | 6 | 2 | 1 |
| mature Birth - - | 49·2 | 44 | 44 | – | – | – | – | – | – |
| lectasis - - - | 3·8 | 5 | 5 | – | – | – | – | – | – |
| genital Malformations - | 8·8 | 8 | 8 | – | – | – | – | – | – |
| ons - - - | – | – | – | – | – | – | – | – | – |
| Age - - - - | 61·2 | 67 | – | – | – | – | – | 32 | 35 |
| oplexy - - - | 53·8 | 37 | – | – | – | 2 | 9 | 23 | 3 |
| lepsy - - - - | 9·7 | 3 | – | – | – | – | 1 | 1 | 1 |
| nvulsions - - - | 47·6 | 38 | 31 | 7 | – | – | – | – | – |
| er Diseases of Brain nd Nervous System | 104·9 | 74 | 9 | 3 | 8 | 4 | 15 | 30 | 5 |
| eases of Organs of pecial Sense - | 3·2 | 4 | 1 | – | 1 | 1 | – | 1 | – |

| CAUSES OF DEATH | Corrected Averages for the 10th Week of the 10 years 1888–97*. | In the Week ending Saturday, 12th March 1898. Deaths of Persons of the Ages: All Ages. | Under 20. 0–1. | 1–5. | 5–20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 164·9 | 141 | – | – | 12 | 20 | 32 | 68 | 9 |
| Croup - - - - | 5·7 | 2 | – | 2 | – | – | – | – | – |
| Bronchitis - - - | 344·6 | 223 | 44 | 29 | – | 2 | 36 | 88 | 24 |
| Pneumonia - - - | 164·8 | 151 | 37 | 51 | 11 | 15 | 18 | 14 | 5 |
| Pleurisy - - - - | 6·4 | 6 | 1 | – | – | 1 | 3 | – | 1 |
| Other Diseases of Respiratory System - | 43·0 | 47 | 5 | 7 | – | 7 | 9 | 18 | 1 |
| Dentition - - - - | 12·5 | 10 | 4 | 6 | – | – | – | – | – |
| Quinsy, Sore Throat - | 2·4 | 1 | – | – | – | – | 1 | – | – |
| Enteritis - - - - | 12·9 | 10 | 6 | 1 | 1 | 2 | – | – | – |
| Peritonitis - - - | 5·6 | 3 | – | – | 2 | – | – | – | 1 |
| Diseases of Liver - - | 26·0 | 30 | – | 1 | – | 2 | 19 | 8 | – |
| Other Diseases of Digestive System | 29·3 | 35 | 11 | 3 | 1 | 2 | 7 | 9 | 2 |
| Diseases of Lymphatic System & of Ductless Glands - - - | 2·1 | 1 | – | – | – | – | 1 | – | – |
| Diseases of Urinary System - - - | 51·6 | 50 | 2 | 2 | 1 | 8 | 18 | 16 | 3 |
| Diseases of Generative System - - - | 5·3 | 7 | 1 | – | 1 | 1 | 2 | 1 | 1 |
| Accidents of Childbirth - | 4·6 | 3 | – | – | – | 3 | – | – | – |
| Diseases of Locomotive System - - - | 6·8 | 4 | 1 | – | 2 | – | 1 | – | – |
| Diseases of Integumentary System - - | 5·9 | 11 | 1 | 2 | – | – | 2 | 4 | 2 |
| VIOLENT DEATHS‡ (ACCIDENT.) | | | | | | | | | |
| By Railways - - - | 57·2 | 2 | – | – | – | 1 | 1 | – | – |
| By Vehicles or Horses - | | 3 | – | – | 2 | 1 | – | – | – |
| In Ships, Boats, Docks, (exclusive of Drowning) - - - | | – | – | – | – | – | – | – | – |
| In Building Operations - | | 1 | – | – | – | – | – | 1 | – |
| In Conflagrations - - | | 2 | – | – | 2 | – | – | – | – |
| By Burns, Scalds, Explosions - - | | 10 | – | 5 | 1 | – | 1 | 3 | – |
| By Drowning - - - | | 4 | – | – | – | 3 | 1 | – | – |
| By Suffocation in Bed - | | 13 | 12 | – | – | 1 | – | – | – |
| By Poisons or Poisonous Vapours - - | | 3 | – | – | – | 1 | 2 | – | – |
| Other or not stated causes - - - - | | 17 | 6 | – | – | 2 | 2 | 6 | 1 |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - | 1·4 | 2 | – | 1 | – | 1 | – | – | – |
| Suicide - - - - | 8·1 | 11 | – | – | – | 6 | 5 | – | – |
| Execution - - - | – | – | – | – | – | – | – | – | – |
| OTHER CAUSES - - | 61·8 | 63 | 53 | 6 | – | 1 | 1 | 1 | 1 |

* The numbers in this column are the average weekly deaths for the ten years 1888–97, raised by 5·230 per cent. for increase population.

Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered edical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the use of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

‡ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of cident, murder manslaughter or suicide. All such cases are classed under "accident."

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 12th March, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2736 | 1854 | 381 | 494 | - | 141 | 8 | 33 | 59 | - | 7 | - | 9 | 68 | 176 | 471 | 14 |
| WEST DISTRICTS - - - | 778,251 | 411 | 336 | 54 | 96 | - | 28 | 2 | 3 | 5 | - | 2 | - | 1 | 18 | 31 | 86 | 1 |
| NORTH DISTRICTS - - - | 1,040,694 | 580 | 398 | 83 | 102 | - | 41 | 2 | 6 | 14 | - | 1 | - | 5 | 8 | 41 | 91 | - |
| CENTRAL DISTRICTS - - - | 233,635 | 134 | 109 | 23 | 29 | - | 7 | - | 2 | - | - | - | - | - | 5 | 13 | 30 | - |
| EAST DISTRICTS - - - | 716,334 | 614 | 329 | 90 | 69 | - | 18 | - | 2 | 22 | - | 1 | - | - | 18 | 41 | 93 | - |
| SOUTH DISTRICTS - - - | 1,642,796 | 997 | 655 | 131 | 184 | - | 47 | 4 | 20 | 18 | - | 3 | - | 3 | 19 | 49 | 144 | 13 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | -- | - | 27 | - | 14 | - | - | - | - | - | - | - | - | - | - | 1 | 27 | - |
| **WEST DISTRICTS.** | | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 58 | 38 | 5 | 6 | - | 3 | - | - | 2 | - | - | - | - | 4 | 6 | 9 | - |
| St. John Paddington *H* - - G. | 33,510 | 11 | 18 | - | 4 | - | - | - | - | - | - | - | - | - | 5 | 6 | 8 | - |
| Kensington Town *Ww* - - W. | 122,164 | 60 | 47 | 7 | 16 | - | 3 | - | - | - | - | - | - | - | - | 1 | 15 | - |
| Brompton *H* - - - W. & C. | 48,301 | 13 | 16 | 1 | 6 | - | 3 | - | - | - | - | - | - | - | 1 | 1 | 3 | - |
| St. Peter Hammersmith - - W. | 9,097 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Paul Hammersmith *HH* W. & G. | 25,102 | 66 | 43 | 5 | 11 | - | 9 | 1 | 1 | 2 | - | - | - | - | - | 1 | 1 | - |
| Fulham *Ww* - - - W. & C. | 113,781 | 85 | 55 | 16 | 13 | - | 5 | 1 | 2 | 1 | - | - | - | - | 2 | 4 | 13 | - |
| Chelsea Kensal Town - C. | 21,450 | 16 | 7 | 2 | 2 | - | - | - | - | - | - | - | - | 1 | - | - | - | - |
| Chelsea North *WHHHHH* - C. | 42,057 | 16 | 15 | 1 | 6 | - | 1 | - | - | - | - | - | - | - | 2 | 3 | 4 | - |
| Chelsea South *HH* - - C. | 33,139 | 18 | 16 | 5 | 3 | - | 1 | - | - | - | - | 1 | - | - | 1 | 3 | 4 | - |
| May Fair *W* - - - - - G. | 23,827 | 4 | 19 | - | 9 | - | - | - | - | - | - | - | - | - | 1 | 1 | 16 | - |
| Belgrave *WHHH* - - - C. | 56,140 | 27 | 28 | 4 | 10 | - | - | - | - | - | - | 1 | - | - | - | 1 | 9 | - |
| St. John Westminster *HH* - C. | 31,492 | 16 | 11 | 5 | 1 | - | 2 | - | - | - | - | - | - | - | - | 1 | - | 1 |
| St. Margaret Westminster *H*- C. | 22,097 | 4 | 10 | 2 | 4 | - | - | - | - | - | - | - | - | - | - | 1 | 3 | - |
| St. James Westminster *WHH* N. & G. | 23,050 | 10 | 6 | - | 4 | - | - | - | - | - | - | - | - | - | 2 | 2 | 1 | - |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 5 | 6 | 1 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| **NORTH DISTRICTS.** | | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - W. | 36,595 | 13 | 19 | 1 | - | - | 7 | - | - | - | - | - | - | - | - | - | 6 | - |
| Rectory Marylebone *W* G. & W. | 19,798 | 10 | 12 | 2 | 3 | - | - | - | - | - | - | - | - | - | - | 1 | 3 | - |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 24 | 10 | 2 | 4 | - | 1 | - | - | - | - | - | - | - | - | 3 | - | - |
| Christchurch Marylebone *H* - W | 32,547 | 16 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| St. John Marylebone *HHH* W. | 32,611 | 16 | 13 | 4 | 4 | - | 2 | - | - | 1 | - | 1 | - | - | - | 1 | - | - |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 34 | 30 | 4 | 9 | - | 4 | 1 | 2 | 3 | - | - | - | 1 | 2 | 2 | 9 | - |
| Regent's Park Pancras *HH* - W. | 37,341 | 18 | 11 | 4 | 4 | - | - | - | - | - | - | - | - | - | - | 2 | - | - |
| Tottenham-court *wHHH* - N. & W. | 26,757 | 13 | 11 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | 8 | - |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 19 | 11 | 2 | 1 | - | - | - | - | - | - | - | - | - | 1 | 2 | 6 | - |
| Somers Town *HH* - - - N. | 32,161 | 18 | 10 | 2 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | 3 | - |
| Camden Town *WH* - - N. | 16,669 | 8 | 9 | 1 | 5 | - | - | - | - | - | - | - | - | - | - | - | 7 | - |
| Kentish Town *WW* - - N. | 98,410 | 66 | 28 | 5 | 5 | - | 3 | - | - | - | - | - | - | - | - | 6 | 7 | - |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 45 | 57 | 11 | 16 | - | 4 | - | - | - | - | - | - | 1 | 2 | 8 | 20 | - |
| Islington South-west H - N. | 107,365 | 70 | 39 | 11 | 9 | - | 12 | - | - | 2 | - | - | - | 2 | - | 5 | - | - |
| Islington South-east - - N. | 66,549 | 48 | 26 | 9 | 6 | - | 2 | - | - | 3 | - | - | - | - | 1 | 3 | - | - |
| Highbury *HH* - - - N. | 64,577 | 32 | 22 | 3 | 6 | - | - | - | - | 2 | - | - | - | - | 1 | 2 | 1 | - |
| Stoke Newington *H* - N. | 33,485 | 11 | 9 | 2 | 4 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| North Hackney - - E. & N. | 213,044 | 20 | 8 | 3 | 1 | - | 2 | - | 1 | - | - | - | - | - | - | - | - | - |
| Central Hackney *ww* - E. & N. | | 23 | 18 | 5 | 4 | - | 1 | 1 | 2 | 3 | - | - | - | - | - | 1 | 3 | - |
| South-west Hackney *HHH* E. & N. | | 33 | 30 | 6 | 8 | - | - | - | 1 | - | - | - | - | - | 1 | 2 | 6 | - |
| South-east Hackney *WwH* E.&N. | | 43 | 21 | 4 | 11 | - | 2 | - | - | - | - | - | - | 1 | - | 1 | 12 | - |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers are received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. The Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River; E. East London; and K. the Kent Company.

* See note * on second page of this Return.

E 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, CARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each UB-DISTRICT during the Week ending Saturday, 12th March, 1898—*continued.*

| GISTRATION SUB-DISTRICTS | Enumerated Population 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week nclude: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CENTRAL DISTRICTS. | | | | | | | | | | | | | | | | | | |
| eorge Bloomsbury - - N. | 16,110 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| iles South *WH* - - N. | 12,976 | 10 | 10 | 3 | 2 | - | - | - | - | - | - | - | - | - | - | 1 | 3 | - |
| iles North *H* - - - N. | 9,151 | 6 | 5 | 3 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | 2 | - |
| artin-in-the-Fields *HH* N. & C. | 13,077 | 3 | 3 | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | 2 | - |
| nd *WHH* - - - - N. | 11,839 | 8 | 7 | 1 | 2 | - | 2 | - | - | - | - | - | - | - | - | - | 4 | - |
| *d Union Workhouse, Edmonton* | †*1,037* | - | 4 | - | 3 | - | - | - | - | - | - | - | - | - | - | 1 | 4 | - |
| orn *wHHHHHHH* - N. | 31,042 | 21 | 18 | 2 | 3 | - | 2 | - | 1 | - | - | - | - | - | 1 | 1 | 4 | - |
| mes Clerkenwell - - N. | 15,777 | 8 | 4 | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| ell Clerkenwell - - N. | 34,356 | 19 | 11 | 4 | 3 | - | 1 | - | 1 | - | - | - | - | - | - | 1 | - | - |
| ell-street - - - - N. | 16,069 | 13 | 4 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| road *HHHL* - - - N. | 29,897 | 32 | 18 | 6 | 8 | - | - | - | - | - | - | - | - | - | 2 | 3 | 2 | - |
| ecross-street - - - N. | 7,595 | 3 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| bury - - - - - N. | 4,035 | 1 | 2 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| *orn Union Workhouse, tcham* - - - - | †*892* | - | 2 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | 2 | - |
| otolph *H* - - N. & E. | 6,870 | 2 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| gelgate - - - - N. | 3,299 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| epulchre *WH* - - - N. | 9,591 | 5 | 12 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | 4 | 7 | - |
| allows Barking - - - N. | 9,059 | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| d Street *H* - - - N. | 2,892 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| *of London Asylum, Stone* - - | †*388* | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| EAST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| editch South *Hl* - E. & N. | 17,975 | 11 | 6 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| on New Town *w* - - N. | 29,575 | 29 | 12 | 2 | 6 | - | 1 | - | - | 2 | - | - | - | - | - | 1 | 6 | - |
| on Old Town - - - N. | 27,645 | 24 | 8 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| gerston *WH* - - N. & E. | 47,163 | 38 | 21 | 3 | 7 | - | 1 | - | - | 1 | - | - | - | - | 1 | 3 | 10 | - |
| nal Green North *H* - E. | 49,301 | 48 | 15 | 7 | 2 | - | 2 | - | - | - | - | - | - | - | - | 2 | - | - |
| nal Green South - - E. | 34,194 | 38 | 18 | 7 | 2 | - | 1 | - | - | 4 | - | - | - | - | 2 | 2 | - | - |
| nal Green East *WHl* - E. | 45,667 | 43 | 28 | 6 | 6 | - | - | - | - | 2 | - | - | - | - | - | 1 | 17 | - |
| lfields - - - E. & N. | 26,681 | 33 | 6 | 1 | 2 | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - |
| End New Town *W* - E. | 12,816 | 21 | 15 | 1 | 3 | - | - | - | - | - | - | - | - | - | - | 2 | 11 | - |
| echapel Church *H* - E. & N. | 25,561 | 17 | 14 | 1 | 1 | - | - | - | 1 | 1 | - | 1 | - | - | 2 | 3 | 11 | - |
| lman's Fields - - - E. | 13,618 | 8 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| eorge's North - - - E. | 39,576 | 36 | 20 | 10 | 2 | - | 2 | - | - | - | - | - | - | - | 2 | 5 | - | - |
| ohn, St. George East *W* E. | 7,930 | 5 | 11 | 1 | 2 | - | - | - | - | 1 | - | - | - | - | - | - | 8 | - |
| lwell *H* - - - E. & N. | 10,434 | 2 | 11 | 5 | 1 | - | 2 | - | - | - | - | - | - | - | - | - | 7 | - |
| liff *W* - - - - E. | 14,954 | 11 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| house - - - - - E. | 32,917 | 23 | 20 | 10 | 1 | - | 1 | - | - | 4 | - | - | - | - | 1 | 1 | - | - |
| End Old Town West *H* E. | 111,060 | 51 | 17 | 3 | 5 | - | - | - | - | - | - | - | - | - | 2 | 4 | - | - |
| End Old Town East *Www* - E. | | 29 | 20 | 7 | 5 | - | 3 | - | - | 1 | - | - | - | - | 2 | 5 | 2 | - |
| *l* - - - - - E. | 41,687 | 34 | 20 | 7 | 5 | - | 2 | - | - | 1 | - | - | - | - | 1 | 1 | 1 | - |
| aley *wwwH* - - - E. | 69,821 | 63 | 41 | 7 | 10 | - | 2 | - | - | 5 | - | - | - | - | 3 | 5 | 17 | - |
| ar *WW* - - - - E. | 57,759 | 50 | 22 | 6 | 6 | - | 1 | - | 1 | - | - | - | - | - | 1 | 2 | 3 | - |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 12th March, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WHL*.&S. | 13,064 | 7 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| St. Saviour Southwark - - S. | 12,301 | 6 | 4 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Kent-road - - - - S. & L. | 22,879 | 12 | 3 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| Borough-road *WH* - S. & L. | 16,083 | 14 | 14 | 3 | 4 | – | – | – | – | 1 | – | – | – | – | – | 2 | 7 |
| London-road *HL* - - L. & S. | 21,316 | 12 | 6 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| Trinity Newington - - S. & L. | 28,723 | 20 | 11 | 3 | 3 | – | – | – | – | 1 | – | – | – | – | 1 | 3 | – |
| St. Peter Walworth *W* - S. & L. | 62,045 | 57 | 26 | 6 | 9 | – | 1 | – | – | – | – | – | – | 1 | – | 1 | 4 |
| St. Mary Newington- - L. & S. | 30,171 | 18 | 9 | 3 | 3 | – | – | – | – | – | – | – | – | – | – | 3 | – |
| St. Olave *WH*- - - - S. | 11,731 | 15 | 14 | 4 | 2 | – | – | – | – | – | – | 1 | – | – | 2 | 2 | 5 |
| Leather Market *W* - S & L. | 32,339 | 32 | 16 | 3 | 3 | – | – | – | – | 1 | – | – | – | – | 1 | 5 | – |
| St. James Bermondsey - - S. | 53,136 | 26 | 17 | 1 | 5 | – | – | – | – | 1 | – | – | – | – | 1 | 2 | – |
| Rotherhithe *WwH* - S & K. | 40,379 | 22 | 19 | 6 | 3 | – | – | – | – | – | – | – | – | – | 1 | 2 | 6 |
| Waterloo-road *HH* - L. & S. | 28,396 | 27 | 9 | 3 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | 2 |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 13 | 23 | 5 | 5 | – | – | – | 2 | – | – | – | – | – | 2 | 3 | 14 |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 31 | 31 | 4 | 11 | – | 1 | – | – | – | – | – | – | – | 1 | 3 | 16 |
| Kennington 1st *H* - - S. & L. | 52,486 | 35 | 17 | 2 | 7 | – | 3 | – | – | 1 | – | – | – | – | 1 | 2 | – |
| Kennington 2nd - - S. & L. | 43,244 | 22 | 13 | 2 | 3 | – | – | – | – | 1 | – | – | – | – | – | 1 | – |
| Brixton *w* - - - L. & S. | 81,825 | 43 | 29 | 5 | 8 | – | – | – | 2 | 2 | – | 1 | – | – | 1 | 1 | 3 |
| Norwood *WH*- - - - L. | 29,318 | 8 | 12 | 3 | 2 | – | 8 | – | – | – | – | – | – | – | – | – | – |
| East Battersea - - - - S. | 71,730 | 55 | 27 | 7 | 7 | – | 4 | – | – | – | – | – | – | – | – | 3 | – |
| West Battersea *WwH* - - S | 93,385 | 50 | 35 | 8 | 11 | – | – | – | 1 | 1 | – | – | – | – | – | – | 12 |
| Clapham *H* - - - - S. | 46,953 | 22 | 17 | 5 | 4 | – | – | – | 1 | – | – | – | – | – | 1 | 2 | – |
| Wandsworth *WHHL* - - S. | 58,101 | 18 | 13 | 3 | 6 | – | 1 | – | – | – | – | – | – | – | 1 | 1 | – |
| Putney - - - - - S. | 20,566 | 9 | 4 | – | 2 | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Streatham *Wwww* - - - L. | 61,644 | 27 | 23 | 5 | 8 | – | 1 | 1 | 2 | – | – | – | – | – | – | – | 4 |
| Dulwich - - - - L. & S. | 7,519 | 3 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| Camberwell *Wwll* - S. & L. | 90,286 | 45 | 55 | 5 | 25 | – | 1 | – | 1 | 1 | – | – | – | – | – | 1 | 37 |
| Peckham *WW* - S., L., & K. | 88,242 | 57 | 28 | 4 | 7 | – | 1 | – | 1 | 1 | – | – | – | – | 2 | 2 | – |
| St. George Camberwell - L. & S. | 67,029 | 54 | 16 | 6 | 5 | – | – | – | 1 | – | – | – | – | – | 1 | 3 | – |
| Deptford North - - - K. | 36,152 | 27 | 11 | 3 | 2 | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Deptford Central *w* - - K. | 45,441 | 30 | 10 | 2 | – | – | – | – | 1 | 2 | – | – | – | – | – | – | 1 |
| Deptford South - - - K. | 33,402 | 10 | 6 | – | 2 | – | 2 | – | 1 | – | – | – | – | – | – | – | – |
| Greenwich West *H* - - K. | 23,012 | 9 | 4 | – | 2 | – | – | – | – | 1 | – | – | – | – | – | – | – |
| Greenwich East *WH* - - K. | 37,767 | 28 | 24 | 4 | 6 | – | 1 | – | – | – | – | – | – | – | – | 2 | 14 |
| Eltham *wH* - - - - K. | 5,911 | 9 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Lee *H* - - - - - K. | 24,222 | 9 | 9 | – | 3 | – | – | – | – | – | – | 1 | – | – | – | – | – |
| Lewisham *WwH* - - - K. | 38,139 | 24 | 27 | 4 | 9 | – | 3 | 1 | 5 | 1 | – | – | – | 2 | 1 | 1 | 14 |
| Sydenham *H* - - - - L. | 37,601 | 21 | 7 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | – | – |
| Charlton *wHH* - - K. | 15,928 | 2 | 12 | 1 | 3 | – | – | 2 | 2 | – | – | – | – | – | 1 | 1 | 5 |
| Woolwich Dockyard - - K. | 19,355 | 13 | 15 | 3 | 1 | – | 9 | – | – | – | – | – | – | – | 1 | 1 | – |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 13 | 9 | 1 | 1 | – | 5 | – | – | – | – | – | – | – | – | – | – |
| Plumstead West *H* - - K. | 16,714 | 10 | 9 | 1 | 3 | – | 3 | – | – | 2 | – | – | – | – | – | – | – |
| Plumstead East *WH* - - K. | 42,538 | 32 | 17 | 9 | 2 | – | 2 | – | – | 1 | – | – | – | – | – | – | – |
| Banstead Asylum - - - - | — | – | 4 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 4 |
| Caterham Asylum - - - - | — | – | 4 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 4 |
| Cane Hill Asylum - - - - | — | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | 1 | 1 |
| Hospital Ships and Camp, Dartford | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Darenth Asylum - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Hanwell Asylum - - - - | — | – | 5 | – | 4 | – | – | – | – | – | – | – | – | – | – | – | 5 |
| Colney Hatch Asylum - - - | — | – | 7 | – | 3 | – | – | – | – | – | – | – | – | – | – | – | 7 |
| N.E. Hospital - - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Winchmore Hill Hospital - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Leavesden Asylum - - - - | — | – | 4 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 4 |
| Claybury Asylum - - - - | — | – | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 2 |

**6.—LONDON.—OUTER RING** (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 12th March, 1898.

| REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years & upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON—OUTER RING | 368,749 | 1,422,063 | 1,141 | 541 | 118 | 189 | – | 33 | – | 19 | 16 | 1 | 4 | 13 | 35 | 58 | 6 |
| Carshalton *wHH* | 12,228 | 26,108 | 20 | 5 | 1 | 2 | – | – | – | – | 1 | – | – | – | – | 1 | – |
| Epsom, *part of** *WwHH* | 10,423 | 12,508 | 6 | 7 | – | 5 | – | – | – | – | – | – | – | – | – | 4 | – |
| Godstone, *part of** *W* | 2,754 | 1,598 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Croydon *WwHHH* | 20,851 | 128,699 | 93 | 51 | 12 | 21 | – | 1 | – | 1 | – | – | – | – | 4 | 7 | – |
| Mitcham *w* | 11,697 | 23,088 | 19 | 8 | 2 | – | – | 5 | – | – | – | – | – | – | 1 | – | – |
| Wimbledon *HHH* | 3,220 | 25,761 | 25 | 11 | 1 | 5 | – | 1 | – | – | – | – | – | – | – | – | – |
| Kingston *W* | 8,071 | 33,566 | 18 | 15 | 2 | 11 | – | 1 | – | – | – | – | – | – | 1 | 3 | – |
| Surbiton *H* | | 11,199 | 5 | 5 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – |
| Esher, *part of** *HH* | 6,601 | 12,059 | 6 | 6 | – | 3 | – | 1 | – | 1 | – | – | – | – | – | – | – |
| Hampton *HL* | 4,565 | 18,252 | 7 | 5 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – |
| Richmond *WH* | 2,160 | 25,389 | 9 | 8 | 1 | 5 | – | – | – | – | – | – | – | 2 | 2 | 1 | 1 |
| Mortlake *H* | 2,823 | 16,159 | 7 | 4 | 2 | – | – | – | – | – | – | – | – | – | – | – | – |
| Bromley *HHH* | 9,127 | 23,815 | 9 | 3 | 1 | 1 | – | – | – | – | – | – | – | 1 | – | – | – |
| Beckenham *H* | 6,542 | 21,969 | 13 | 8 | 3 | 1 | – | 1 | – | – | – | – | 1 | – | 1 | – | – |
| Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 10 | 10 | 2 | 4 | – | – | – | – | 1 | – | – | – | – | 1 | – |
| Bexley *HHH* | 12,540 | 30,590 | 27 | 8 | – | 4 | – | – | – | 1 | – | – | – | – | – | 1 | – |
| Dartford *WH*, part of* | — | — | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | 1 | – |
| Sunbury *w* | 11,054 | 13,671 | 12 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Staines *WH* | 13,277 | 13,221 | 5 | 3 | – | – | – | – | – | – | 1 | – | – | 2 | 2 | – | – |
| Hillingdon *WHH* | 6,035 | 12,237 | 8 | 5 | – | 2 | – | – | – | 1 | – | – | – | – | – | 1 | – |
| Uxbridge | 12,757 | 7,253 | 5 | 5 | – | 2 | – | – | – | – | – | – | – | – | – | – | – |
| Hayes *wH* | 7,952 | 11,051 | 6 | 2 | – | 2 | – | – | – | – | – | – | – | – | – | – | – |
| Isleworth *WHH* | 6,967 | 26,004 | 5 | 13 | 1 | 10 | – | 1 | – | – | – | – | – | – | – | 5 | – |
| Twickenham *HH* | 2,415 | 16,027 | 11 | 4 | – | 4 | – | – | – | – | – | – | – | – | – | – | – |
| Brentford *HHHH* | 4,318 | 37,777 | 29 | 12 | 5 | 1 | – | – | – | – | 2 | 1 | – | 1 | – | 1 | – |
| Chiswick | 1,245 | 21,963 | 18 | 8 | 2 | 4 | – | 2 | – | – | – | – | – | – | – | – | – |
| Acton *wH* | 6,132 | 30,945 | 34 | 18 | 7 | 3 | – | 1 | – | – | 2 | – | – | – | 1 | – | – |
| Harrow *HHH* | 13,809 | 15,715 | 16 | 4 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – |
| Edgware *HH* | 6,994 | 3,844 | 1 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Willesden *HHH* | 4,383 | 61,265 | 67 | 22 | 6 | 7 | – | – | – | 2 | – | – | – | 1 | 1 | 2 | – |
| Hendon *WH* | 8,382 | 15,843 | 14 | 5 | 1 | 3 | – | – | – | – | – | – | – | – | – | 1 | – |
| South Mimms *HH* | 15,599 | 8,474 | 1 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Barnet *WHH* | 5,478 | 12,045 | 16 | 8 | 1 | 4 | – | – | – | – | – | – | – | – | – | 1 | – |
| Finchley *HHH* | 4,688 | 25,820 | 17 | 7 | 2 | 1 | – | 3 | – | – | – | – | – | – | – | – | – |
| Hornsey *HH* | 3,039 | 61,097 | 32 | 19 | 6 | 4 | – | 2 | – | – | 1 | – | – | – | 1 | – | – |
| Tottenham *HH* | 4,642 | 97,174 | 78 | 28 | 7 | 11 | – | – | – | 1 | 1 | – | – | 1 | 3 | 1 | – |
| Edmonton *Www* | 7,489 | 36,351 | 44 | 21 | 2 | 6 | – | 2 | – | 1 | – | – | – | 1 | 5 | 6 | – |
| Enfield *WWHH* | 12,602 | 31,536 | 20 | 9 | 2 | 4 | – | – | – | 1 | – | – | – | – | – | 2 | – |
| Waltham Abbey | 11,017 | 6,066 | 3 | 4 | – | – | – | – | – | 1 | – | – | – | – | 1 | – | – |
| Cheshunt *H* | 8,480 | 9,620 | 10 | 6 | 2 | 2 | – | 2 | – | – | – | – | 1 | – | – | – | 1 |
| Hatfield, *part of** *W* | 3,306 | 582 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Bushey *H* | 9,331 | 7,737 | 9 | 4 | – | 1 | – | 1 | – | – | – | – | – | – | – | 1 | – |
| Watford *WH*, part of* | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Stratford *H* | 1,100 | 42,983 | 39 | 18 | 6 | 4 | – | 1 | – | – | 1 | – | – | 2 | 3 | 1 | 1 |
| Plaistow *WHH* | 1,242 | 58,030 | 66 | 36 | 12 | 7 | – | 1 | – | 5 | 2 | – | 1 | 1 | 1 | 2 | 1 |
| Canning Town *H* | 1,558 | 54,750 | 67 | 13 | 3 | 1 | – | – | – | 1 | – | – | – | 1 | 1 | – | 1 |
| Forest Gate *w* | 806 | 49,140 | 26 | 22 | 4 | 9 | – | 3 | – | – | 1 | – | – | – | – | – | – |
| East Ham *wH* | 3,266 | 32,713 | 54 | 16 | 4 | 4 | – | – | – | 1 | 1 | – | – | – | 2 | – | – |
| Leyton *WWWwH* | 4,334 | 70,188 | 63 | 32 | 7 | 11 | – | 2 | – | 1 | – | – | – | – | 3 | 9 | – |
| Walthamstow *HHL* | 6,501 | 57,330 | 48 | 18 | 5 | 2 | – | 2 | – | 1 | 2 | – | – | – | 2 | – | – |
| Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 4 | 5 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – |
| Epping *WH*, part of* | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Romford, *part of** *WH* | 6,556 | 4,324 | 4 | 4 | – | 2 | – | – | – | – | – | – | – | – | – | 3 | 1 |
| Ilford | 8,493 | 10,913 | 14 | 3 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Barking Town, *H* | 3,814 | 14,301 | 17 | 5 | 2 | 1 | – | – | – | – | – | – | 1 | – | – | – | – |
| Middlesex Co. Lunatic Asy. Wandsworth. | — | — | – | 2 | – | 2 | – | – | – | – | – | – | – | – | – | 2 | – |
| London Co. Lunatic Asy., Cane Hill. | — | — | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | 1 | – |

he parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring s follows:—30: 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37: 1, the parishes of Warlingham Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst District, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in eld sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for tious Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford; and 187; 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 12th March, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | ANNUAL RATE of MORTALITY per 1000 living. | | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Deaths of | | Deaths from | | | | | | | |
| | | | From All Causes. | From Diseases in Cols. 8-14. | | Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. |
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. |
| GREATER LONDON | **443,421** | **6,408,321** | **19·5** | **2·7** | **2395** | **499** | **683** | **–** | **174** | **8** | **52** | **75** | **8** | **13** | **81** |
| INNER LONDON - | 74,672 | 4,504,766 | 21·5 | 3·0 | 1854 | 381 | 494 | – | 141 | 8 | 33 | 59 | 7 | 9 | 68 |
| OUTER RING - | 368,749 | 1,903,555 | 14·8 | 2·0 | 541 | 118 | 189 | – | 33 | – | 19 | 16 | 1 | 4 | 13 |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

| CITIES | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of Stillborn | DEATHS. Exclusive of Stillborn | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM PRINCIPAL ZYMOTIC DISEASES. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Small-pox. | Measles. | Scarlet Fever. | Diphtheria | Whooping-cough. | Fever. |
| EDINBURGH - | 295,628 | March 12 | 162 | 136 | 24·0 | – | 1 | 3 | 4 | 2 | – |
| GLASGOW - - | 724,319 | „ 12 | 497 | 375 | 27·0 | – | 16 | 3 | 2 | 19 | 4 |
| DUBLIN - - | 349,594 | „ 12 | 206 | 250 | 37·3 | – | – | 6 | 1 | 3 | 5 |
| CALCUTTA - - | 466,460 | January 15 | – | – | – | – | – | – | – | – | – |
| BOMBAY - - | 821,764 | February 15 | 204 | 2172 | 137·4 | 1 | 11 | ? | ? | ? | 1351† |
| MADRAS - - | 452,518 | „ 4 | 266 | 327 | 37·5 | 6 | 24 | ? | ? | ? | 79 |
| PARIS - - - | 2,511,629 | March 5 | 1160 | 995 | 20·5 | – | 17 | 2 | 4* | 6 | 4 |
| BRUSSELS - - | 531,024 | „ 5 | 283 | 159 | 15·6 | – | 1 | – | 1* | 2 | – |
| AMSTERDAM - | 503,045 | February 26 | – | – | – | – | – | – | – | – | – |
| ROTTERDAM - | 290,004 | „ 26 | – | – | – | – | – | – | – | – | – |
| THE HAGUE - | 191,529 | 26 | – | – | – | – | – | – | – | – | – |
| COPENHAGEN - | 340,500 | „ 26 | 223 | 110 | 16·8 | – | – | 1 | 2 | 4 | – |
| STOCKHOLM - | 274,611 | „ 26 | 137 | 121 | 22·9 | – | – | 2 | 4* | 1 | 1 |
| CHRISTIANIA - | 192,141 | March 5 | 178 | 76 | 20·5 | – | 1 | – | – | – | 2 |
| ST. PETERSBURG | 954,400 | „ 5 | 517 | 625 | 34·1 | 4 | 10 | 13 | 30 | 4 | 49 |
| MOSCOW - - | 988,610 | February 26 | – | 434 | 25·5 | 1 | 7 | 11 | 9 | 3 | 6 |
| BERLIN - - | 1,753,775 | „ 19 | 950 | 538 | 15·9 | – | 4 | – | 11 | 8 | 2 |
| HAMBURG - - | 661,015 | March 5 | – | 177 | 13·9 | – | 1 | 1 | – | 1 | – |
| DRESDEN - - | 377,500 | February 12 | – | 129 | 17·8 | – | 2 | – | 2* | 1 | – |
| BRESLAU - - | 392,795 | March 5 | – | 182 | 24·2 | – | 3 | – | 2* | 1 | – |
| MUNICH - - | 430,000 | „ 5 | – | 198 | 23·9 | – | 3 | – | 4* | 1 | – |
| VIENNA - - | 1,574,129 | „ 5 | 955 | 668 | 22·1 | – | 24 | – | 5* | 2 | 3 |
| PRAGUE - - | 377,109 | „ | 257 | 166 | 22·9 | – | 4 | 2 | – | – | 1 |
| BUDA-PESTH - | 648,104 | February 26 | 481 | 254 | 20·4 | – | 1 | 3 | 7 | 1 | 3 |
| TRIESTE - - | 164,491 | March 5 | 111 | 123 | 38·9 | – | – | – | 1* | 1 | – |
| ROME - - - | 489,965 | February 5 | 279 | 231 | 24·6 | – | 9 | – | 1 | – | 3§ |
| TURIN (10 days) | 344,203 | January 20 | 181 | 222 | 23·5 | – | 2 | – | 2 | – | 2 |
| VENICE - - | 167,074 | February 19 | 8 | 115 | 35·9 | 4 | – | 1 | 1* | 1 | – |
| CAIRO - - | 374,838 | January 7 | – | – | – | – | – | – | – | – | – |
| ALEXANDRIA - | 231,396 | „ 7 | – | – | – | – | – | – | – | – | – |
| NEW YORK (including BROOKLYN) | 3,433,899 | February 19 | 1772 | 1269 | 19·3 | – | 20 | 17 | 37 | 8 | 3 |
| PHILADELPHIA - | 1,240,266 | „ 19 | – | 491 | 20·6 | – | 7 | 7 | 21 | 2 | 17 |

* Including deaths from croup.
† Including 1257 deaths from bubonic fever.
‡ Including 2 deaths from cholera in Bombay and 5 in Madras.
§ Including 2 deaths from malarial fever

| 1898. Month and Day. | Phases of the Moon. | Barometer. Mean daily reading (corrected and reduced to 32° Fahrenheit). | Temperature. Of the Air. Highest. | Temperature. Of the Air. Lowest. | Temperature. Of the Air. Daily Range. | Temperature. Of the Air. Mean daily value. | Temperature. Of the Air. Departure from Average of 50 years. | Temperature. Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Difference. Greatest. | Difference. Least. | Degree of Humidity (Saturation equals 100). | Temperature. Of Radiation. Highest in Sun's Rays. | Temperature. Of Radiation. Lowest on the Grass. | Temperature. Of the Earth 3 feet below the Surface. | Wind as deduced from Anemometers. Osler's. General Direction. A.M. | Wind. Osler's. General Direction. P.M. | Wind. Osler's. Pressure on the Square Foot. Greatest. | Wind. Osler's. Pressure on the Square Foot. Least. | Wind. Osler's. Pressure on the Square Foot. Mean of 24 hourly obs. | Wind. Robinson's. Horizontal Movement of the Air on each Day. | Wind. Robinson's. Departure from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| March | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| Sunday - 6 | .. | 29·598 | 44·1 | 29·5 | 14·6 | 36·9 | − 4·2 | 28·2 | 8·7 | 13·4 | 2·6 | 70 | 94·5 | 23·8 | 41·89 | S., SSE. & SE. | S. SSE. & ESE. | 1·8 | 0·0 | 0·1 | 204 | −135 | 0·00 | 0·2 |
| Monday - 7 | .. | 29·857 | 45·0 | 30·2 | 14·8 | 36·4 | − 4·6 | 28·7 | 7·7 | 17·2 | 3·3 | 73 | 96·7 | 23·9 | 41·69 | E., ENE. & NE. | ENE. & NE. | 4·9 | 0·0 | 0·5 | 370 | + 35 | 0·01 | 0·8 |
| Tuesday - 8 | In Equator. Full. | 29·838 | 39·4 | 32·5 | 6·9 | 36·5 | − 4·4 | 28·6 | 7·9 | 9·7 | 6·7 | 73 | 44·7 | 29·2 | 41·48 | NNE. & NE. | NE. & NNE. | 10·0 | 0·0 | 1·4 | 616 | +283 | 0·00 | 0·0 |
| Wednesday 9 | .. | 29·978 | 43·8 | 36·2 | 7·6 | 39·6 | − 1·2 | 31·8 | 7·8 | 11·9 | 4·1 | 74 | 55·8 | 33·8 | 41·32 | NNE. & NE. | NE. | 5·9 | 0·0 | 0·5 | 401 | + 70 | 0·00 | 0·0 |
| Thursday - 10 | .. | 30·054 | 47·0 | 32·6 | 14·4 | 39·1 | − 1·6 | 32·1 | 7·0 | 12·4 | 2·0 | 76 | 90·3 | 28·0 | 41·33 | NNE. & NE. | NE., SE. & E. | 2·2 | 0·0 | 0·1 | 247 | − 82 | 0·00 | 0·0 |
| Friday - 11 | .. | 30·001 | 45·7 | 32·4 | 13·3 | 37·8 | − 2·8 | 33·3 | 4·5 | 11·7 | 1·3 | 84 | 74·0 | 26·0 | 41·45 | NE. & ENE. | ENE., ESE. & NE. | 2·3 | 0·0 | 0·2 | 258 | − 68 | 0·00 | 0·0 |
| Saturday - 12 | .. | 29·866 | 42·2 | 32·4 | 9·8 | 37·3 | − 3·4 | 32·3 | 5·0 | 7·7 | 1·9 | 82 | 49·4 | 26·3 | 41·47 | NE. & NNE. | NNE. | 1·3 | 0·0 | 0·0 | 213 | −111 | 0·00 | 0·0 |
| Means - - | | 29·885 | 43·9 | 32·3 | 11·6 | 37·7 | − 3·2 | 30·7 | 6·9 | 12·0 | 3·1 | 76 | 72·2 | 27·3 | 41·52 | NE. | | .. | .. | .. | Sum 2306 | Sum − 8 | Sum 0·01 | 0·1 |
| No. of Column - | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| Date. March | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | General Remarks. |
|---|---|---|---|---|
| Sunday - 6 | v. P. till 6h. P.M.; m. P. generally afterwards. | 6·2 | 11·1 | Fine; partially cloudy. Hoar frost in morning and at night. A fine day. |
| Monday - 7 | s. P. generally with s. N. for a short time at 5h. P.M. | 6·0 | 11·2 | Cloudy in morning with slight fall of granular snow at 3h. A.M.; fine till 3h. P.M.; generally overcast afterwards. Frequent snow in afternoon. |
| Tuesday - 8 | m. P. generally - | 0·0 | 11·3 | Overcast; brisk wind. |
| Wednesday 9 | v. P. generally - | 0·6 | 11·3 | Generally overcast. |
| Thursday - 10 | m. P. throughout - | 5·3 | 11·4 | Overcast in morning; fine and partially cloudy afterwards. Hoar frost and partial lunar halo at night. |
| Friday - 11 | m. P. till 9h. P.M.; s. P. afterwards. | 0·5 | 11·5 | Overcast till noon; fine with variable amounts of cloud afterwards. |
| Saturday - 12 | m. P. till 6h. A.M.; s. P. afterwards. | 0·0 | 11·6 | Overcast till 6h. P.M.; very fine and cloudless afterwards. Slight fog and hoar frost at night. |
| | | Sum 18·0 | Sum 79·4 | |
| No. of Col. - - | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased from 29·62 in. at the beginning of the week to 29·57 in. by 3h. P.M. on the 6th; increased to 29·90 in. by 9h. P.M. on the 7th; decreased to 29·81 in. by 4h. P.M. on the 8th; increased to 30·09 in. by 1h. A.M. on the 11th: decreased to 29·84 in. by 3h. P.M. on the 12th; and increased to 29·89 in. by the end of the week.

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1893.

OFFICIAL COPY.

# WEEKLY RETURN
OF
# BIRTHS AND DEATHS IN LONDON
AND IN
# THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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No. 11. 1898. VOL. LIX.] WEEK ENDING SATURDAY, MARCH 19. [Price 1½*d.*

*General Register Office, Somerset House,*
*March 21st*, 1898.

## THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 21·8 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS. | Weeks ending Feb. 26. | Mar. 5. | Mar. 12. | Mar. 19. | TOWNS. | Weeks ending Feb. 26. | Mar. 5. | Mar. 12. | Mar. 19. |
|---|---|---|---|---|---|---|---|---|---|
| 33 Great Towns | 20·9 | 20·7 | 21·1 | 21·8 | Leicester - - | 21·0 | 21·7 | 17·0 | 19·0 |
| Birkenhead - | 20·3 | 16·6 | 15·7 | 19·8 | Liverpool - - | 24·7 | 22·9 | 25·1 | 25·7 |
| Birmingham - | 21·6 | 24·0 | 21·6 | 23·8 | London - - - | 21·9 | 20·9 | 21·5 | 21·6 |
| Blackburn - | 17·6 | 15·7 | 20·4 | 18·0 | Manchester - - | 21·8 | 22·6 | 22·9 | 24·6 |
| Bolton - - | 26·0 | 17·0 | 22·1 | 22·6 | Newcastle-on-Tyne | 18·9 | 17·5 | 21·5 | 19·2 |
| Bradford - | 14·5 | 16·5 | 20·1 | 23·4 | Norwich - - | 15·9 | 18·7 | 14·5 | 25·7 |
| Brighton - | 15·3 | 23·4 | 20·0 | 20·5 | Nottingham - - | 22·5 | 23·2 | 24·3 | 22·7 |
| Bristol - | 21·2 | 25·0 | 23·5 | 23·5 | Oldham - - | 15·8 | 17·6 | 22·2 | 30·9 |
| Burnley - | 20·5 | 18·1 | 13·8 | 15·2 | Plymouth - - | 17·4 | 23·1 | 14·7 | 16·3 |
| Cardiff - - | 17·3 | 21·4 | 18·5 | 23·5 | Portsmouth - - | 19·8 | 17·6 | 18·2 | 15·6 |
| Croydon - | 12·6 | 19·7 | 18·4 | 13·8 | Preston - - | 17·9 | 13·0 | 17·9 | 19·7 |
| Derby - - | 12·9 | 18·4 | 17·9 | 23·9 | Salford - - - | 21·3 | 20·1 | 19·8 | 21·3 |
| Gateshead - | 25·1 | 26·1 | 26·1 | 15·6 | Sheffield - - | 20·9 | 20·2 | 20·9 | 22·8 |
| Halifax - | 18·9 | 19·4 | 17·2 | 22·1 | Sunderland - - | 18·1 | 23·9 | 24·6 | 20·7 |
| Huddersfield- | 19·3 | 17·3 | 20·4 | 17·3 | Swansea - - | 22·5 | 23·5 | 29·1 | 27·1 |
| Hull - - | 18·4 | 18·8 | 22·2 | 25·6 | West Ham - - | 16·2 | 15·3 | 17·5 | 17·8 |
| Leeds - - | 22·3 | 19·6 | 18·3 | 18·8 | Wolverhampton - | 30·2 | 22·5 | 16·0 | 22·5 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·0 in Salford, 1·3 in Sheffield, 1·4 in Hull and in Sunderland, 1·6 in London, 2·6 in Bristol and in Swansea, 3·1 in Huddersfield, 3·2 in Oldham, 3·4 in Brighton, and 4·0 in Leicester; from *whooping-cough*, 1·0 in Huddersfield, 1·2 in Sheffield and in Newcastle-on-Tyne, 1·3 in Bolton, 1·5 in Birmingham, and 2·1 in Oldham; from "*fever*," 1·3 in Preston; and from *diarrhœa*, 1·2 in Liverpool and 1·5 in Derby. In no case did the death-rate from *scarlet fever* reach 1·0 per 1000 in any of the thirty-three towns. The 60 deaths from *diphtheria* included 36 in London, 5 in Birmingham, 4 in Cardiff, 3 in West Ham, and 3 in Leeds. No death from *small-pox* was registered in any of the thirty-three towns.

In the registration district of Middlesbrough 12 deaths from small-pox were registered last week, making a total of 130 deaths from this disease since the beginning of the year.

## LONDON.

In LONDON† 2576 BIRTHS and 1869 DEATHS were registered. Allowing for increase of population, the births were 240, and the deaths 29, below

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

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the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 21·9, 20·9, and 21·5 in the preceding three weeks, further rose last week to 21·6. During the four weeks ending on Saturday last the death-rate averaged 21·5 per 1000, being 1·1 per 1000 below the mean rate in the corresponding periods of the ten years 1888–97.

The 1869 deaths included 134 from measles, 10 from scarlet fever, 36 from diphtheria, 56 from whooping-cough, 10 from enteric fever, 11 from diarrhœa and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 257 deaths were referred to these diseases, being 55 above the corrected average weekly number.

The deaths from *measles*, which had been 106, 115, and 141 in the preceding three weeks, fell again last week to 134, but were 82 above the corrected average; 21 cases belonged to Islington, 11 to Battersea, 9 to Kensington, 9 to Hammersmith, 8 to Chelsea, 8 to Lambeth, and 6 to Bethnal Green sanitary areas. The deaths from *scarlet fever*, which had been 11, 8, and 8 in the preceding three weeks, rose again last week to 10, but were 7 below the corrected average; 2 cases belonged to Battersea sanitary area. The deaths from *diphtheria*, which had been 46, 38, and 33 in the preceding three weeks, rose again last week to 36, but were 3 below the corrected average; 5 cases belonged to Shoreditch, and 5 to Poplar sanitary areas. The deaths from *whooping-cough*, which had been 52, 49, and 59 in the preceding three weeks, fell again last week to 56, but were 15 below the corrected average; 9 cases belonged to Bethnal Green, and 7 to Islington sanitary areas. The fatal cases of *enteric fever*, which had been 9, 11, and 7 in the preceding three weeks, rose again last week to 10, the corrected average being 9; 2 cases belonged to Paddington sanitary area. The deaths from *diarrhœa*, which had been 8, 11, and 9 in the preceding three weeks, rose again last week to 11, but were 3 below the corrected average. The deaths referred to diseases of the respiratory organs, which had been 416, 425, and 429 in the preceding three weeks, were 430 last week, being 77 below the corrected average. The deaths attributed directly to *influenza* numbered 64, having been 81, 51, and 44 in the preceding three weeks.

Different forms of violence caused 59 deaths, concerning all but 2 of which inquests were held. Of these 59 deaths, 3 were cases of suicide, while the remaining 56 were attributed to accident or negligence. One of these was referred to a vehicle in the street, 3 to a conflagration, and 22 (of infants under one year of age), to suffocation in bed.

### Cases of Infectious Sickness in Hospitals.*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 1 case of small-pox, 2419 cases of scarlet fever, 1024 of diphtheria, and 79 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 255 cases, against 199, 175, and 197; of diphtheria, 143 cases, against 125, 128, and 122; and of enteric fever, 14 cases, against 7, 13, and 15.

### Greater London.

In Greater London 3596 births and 2409 deaths were registered, corresponding to annual rates of 29·3 and 19·6 per 1000 of the estimated population. In the Outer Ring 30 deaths from measles, 2 from scarlet fever, 10 from diphtheria, 6 from whooping-cough, 1 from "fever," and 2 from diarrhœa were registered. Ten deaths from measles occurred in West Ham district, 6 in Brentford district, and 6 in Edmonton district; 4 deaths from diphtheria occurred in West Ham district, and 3 in Hendon district.

### Meteorology.

The mean reading of the Barometer last week at Greenwich was 29·82 inches, and that of the Thermometer 45°·7, the latter being 4°·4 above the week's average in the 50 years 1841–90. The direction of the wind was south-westerly, the horizontal movement of the air being 7 per cent. above the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 13·3 hours; the measured rainfall amounted to 0·25 of an inch.

* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis s found, after sojourn in the Hospital to have been erroneous.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Registered during the Week ending 19th March 1898. Births. | Deaths. | Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Deaths corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6-12. | Rainfall. Highest. (Fahrenheit.) | Lowest. (Fahrenheit.) | Mean. Fahrenheit. | Centigrade. | Rainfall. In Inches. | In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| **33 Towns** | **11,218,378** | **6722** | **4693** | **1053** | **1226** | **-** | **251** | **29** | **60** | **124** | **31** | **59** | **155** | **328** | **9 9** | **64** | **21·8** | **2·3** | **63·4** | **23·0** | **44·6** | **7·00** | **0·14** | **0·36** | **33 Towns** |
| London | 4,504,766 | 2576 | 1869 | 367 | 542 | - | 134 | 10 | 36 | 56 | 10 | 11 | 59 | 157 | 543 | 15 | 21·6 | 3·0 | 60·0 | 27·2 | 45·7 | 7·61 | 0·25 | 0·63 | London. |
| West Ham | 283,654 | 191 | 98 | 25 | 19 | - | 2 | - | 3 | 2 | - | - | 6 | 6 | 7 | 5 | 17·8 | 1·3 | - | - | - | - | - | - | West Ham. |
| Croydon | 124,421 | 52 | 33 | 6 | 14 | - | 1 | 1 | - | - | 1 | - | 2 | 3 | 9 | - | 13·8 | 1·3 | 62·0 | 23·0 | 45·1 | 7·28 | 0·01 | 0·03 | Croydon. |
| Brighton | 122,310 | 62 | 48 | 11 | 13 | - | 8 | - | - | - | - | - | 1 | 5 | 5 | - | 20·5 | 3·4 | - | - | - | - | - | - | Brighton. |
| Portsmouth | 186,618 | 98 | 56 | 13 | 17 | - | - | - | 1 | 2 | - | 1 | 1 | 1 | 12 | 1 | 15·6 | 1·1 | - | - | - | - | - | - | Portsmouth. |
| Plymouth | 99,136 | 64 | 31 | 6 | 10 | - | - | - | - | - | - | - | 1 | 3 | 2 | - | 16·3 | - | - | - | - | - | - | - | Plymouth. |
| Bristol | 316,900 | 192 | 143 | 27 | 43 | - | 16 | - | - | - | - | 2 | 6 | 11 | 15 | - | 23·5 | 3·0 | 52·0 | 29·0 | 44·0 | 6·67 | 0·19 | 0·48 | Bristol. |
| Cardiff | 177,770 | 103 | 80 | 15 | 20 | - | 3 | - | 4 | - | - | 1 | 3 | 4 | 10 | 2 | 23·5 | 2·3 | - | - | - | - | - | - | Cardiff. |
| Swansea | 102,001 | 53 | 53 | 13 | 11 | - | 5 | - | 1 | - | - | - | 2 | 4 | 6 | 2 | 27·1 | 3·1 | - | - | - | - | - | - | Swansea. |
| Wolverhampton | 88,051 | 57 | 38 | 7 | 13 | - | - | 1 | - | 1 | - | - | 1 | 4 | 7 | - | 22·5 | 1·2 | 57·3 | 24·8 | 42·7 | 5·94 | 0·09 | 0·23 | Wolverhampton. |
| Birmingham | 510,343 | 386 | 233 | 70 | 49 | - | 2 | - | 5 | 15 | 3 | 4 | 8 | 10 | 30 | 8 | 23·8 | 3·0 | - | - | - | - | - | - | Birmingham. |
| Norwich | 111,699 | 59 | 55 | 14 | 27 | - | - | 1 | - | 2 | - | - | 2 | 4 | 10 | - | 25·7 | 1·4 | 63·4 | 26·0 | 44·2 | 6·78 | 0·02 | 0·05 | Norwich. |
| Leicester | 208,662 | 142 | 76 | 24 | 18 | - | 16 | - | - | 1 | - | 1 | 4 | 6 | 7 | 1 | 19·0 | 4·5 | - | - | - | - | - | - | Leicester. |
| Nottingham | 236,137 | 163 | 103 | 31 | 28 | - | - | 1 | - | 1 | 2 | - | 5 | 6 | 12 | - | 22·7 | 0·9 | 56·8 | 26·3 | 44·0 | 6·67 | 0·10 | 0·25 | Nottingham. |
| Derby | 104,834 | 52 | 48 | 18 | 13 | - | 2 | 1 | - | - | - | 3 | 1 | 4 | 6 | - | 23·9 | 3·0 | - | - | - | - | - | - | Derby. |
| Birkenhead | 113,189 | 75 | 43 | 8 | 13 | - | - | - | 1 | - | - | 1 | 2 | 5 | 6 | - | 19·8 | 0·9 | - | - | - | - | - | - | Birkenhead. |
| Liverpool | 633,615 | 413 | 312 | 61 | 64 | - | 5 | 5 | 1 | 3 | 3 | 14 | 12 | 23 | 93 | 16 | 25·7 | 2·6 | 57·7 | 33·8 | 44·1 | 6·72 | 0·28 | 0·71 | Liverpool. |
| Bolton | 122,495 | 74 | 53 | 13 | 13 | - | - | - | - | 3 | 2 | 1 | - | 2 | 5 | - | 22·6 | 2·6 | - | - | - | - | - | - | Bolton. |
| Manchester | 539,079 | 339 | 254 | 59 | 52 | - | 6 | 2 | 1 | 4 | 2 | 6 | 11 | 15 | 65 | 4 | 24·6 | 2·0 | - | - | - | - | - | - | Manchester. |
| Salford | 215,702 | 161 | 88 | 20 | 21 | - | 4 | 1 | 1 | 2 | 3 | 2 | 3 | 7 | 13 | - | 21·3 | 3·1 | - | - | - | - | - | - | Salford. |
| Oldham | 148,288 | 68 | 88 | 14 | 21 | - | 9 | - | - | 6 | - | - | 1 | 3 | 9 | - | 30·9 | 5·3 | - | - | - | - | - | - | Oldham. |
| Burnley | 109,546 | 59 | 32 | 12 | 4 | - | - | - | - | - | - | 1 | 1 | 1 | 4 | - | 15·2 | 0·5 | - | - | - | - | - | - | Burnley. |
| Blackburn | 133,228 | 81 | 46 | 10 | 9 | - | 1 | - | 1 | - | - | - | 2 | 2 | 3 | 2 | 18·0 | 0·8 | - | - | - | - | - | - | Blackburn. |
| Preston | 116,356 | 84 | 44 | 14 | 7 | - | - | - | - | - | 3 | 2 | 1 | 1 | 2 | 2 | 19·7 | 2·2 | - | - | - | - | - | - | Preston. |
| Huddersfield | 102,454 | 38 | 34 | 5 | 8 | - | 6 | - | - | 2 | - | - | - | 1 | 2 | - | 17·3 | 4·1 | - | - | - | - | - | - | Huddersfield. |
| Halifax | 96,729 | 44 | 41 | 7 | 14 | - | - | - | - | - | - | - | - | - | 4 | 1 | 22·1 | - | - | - | - | - | - | - | Halifax. |
| Bradford | 233,737 | 133 | 105 | 21 | 29 | - | 2 | - | - | 3 | 1 | 1 | 3 | 9 | 14 | - | 23·4 | 1·6 | 59·0 | 33·4 | 46·6 | 8·11 | 0·20 | 0·51 | Bradford. |
| Leeds | 416,618 | 244 | 150 | 36 | 40 | - | 7 | 3 | 3 | 3 | - | 2 | 4 | 11 | 21 | - | 18·8 | 2·3 | - | - | - | - | - | - | Leeds. |
| Sheffield | 356,478 | 208 | 156 | 45 | 30 | - | 9 | 2 | - | 8 | - | 5 | 2 | 2 | 30 | 4 | 22·8 | 3·5 | - | - | - | - | - | - | Sheffield. |
| Hull | 229,887 | 146 | 113 | 31 | 33 | - | 6 | 1 | - | 3 | - | - | 4 | 5 | 18 | 1 | 25·6 | 2·3 | - | - | - | - | - | - | Hull. |
| Sunderland | 143,849 | 81 | 57 | 17 | 4 | - | 4 | - | - | 2 | - | - | 1 | 1 | 5 | - | 20·7 | 2·2 | - | - | - | - | - | - | Sunderland. |
| Gateshead | 109,775 | 76 | 31 | 12 | 7 | - | 1 | - | 1 | - | 1 | - | 1 | 4 | 1 | - | 15·6 | 1·5 | - | - | - | - | - | - | Gateshead. |
| Newcastle | 223,021 | 148 | 82 | 23 | 20 | - | 2 | - | 1 | 5 | - | 1 | 5 | 8 | 13 | - | 19·2 | 2·1 | - | - | - | - | - | - | Newcastle. |

* See note * on first page of this return

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the ELEVENTH Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2629 | 2699 | 2717 | 2751 | 2576 | 2656 | 2558 | 2821 | 2806 | 2551 | 2816·4 | 2576 |
| Males - - | 1352 | 1366 | 1381 | 1413 | 1303 | 1314 | 1287 | 1451 | 1435 | 1288 | 1430·1 | 1332 |
| Females - | 1277 | 1333 | 1336 | 1338 | 1273 | 1342 | 1271 | 1370 | 1371 | 1263 | 1386·3 | 1244 |
| TOTAL **Deaths** - | 1604 | 1638 | 1771 | 1751 | 1933 | 1578 | 1698 | 2817 | 1752 | 1531 | 1897·6 | 1869 |
| Males - - | 797 | 812 | 907 | 887 | 1037 | 799 | 862 | 1310 | 898 | 806 | 959·2 | 934 |
| Females - - | 807 | 826 | 864 | 864 | 946 | 779 | 746 | 1507 | 854 | 725 | 938·4 | 935 |

* The numbers in this column are the average weekly numbers in the eleventh week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | Dec. 25. | Jan. 1. | Jan. 8. | Jan. 15. | Jan. 22. | Jan. 29. | Feb. 5. | Feb. 12. | Feb. 19. | Feb. 26. | Mar. 5. | Mar. 12. | Mar. 19. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** - - - | 2106 | 2363 | 3001 | 2703 | 2631 | 2639 | 2603 | 2843 | 2527 | 2644 | 2585 | 2736 | 2576 |
| TOTAL **Deaths** - - - | 1555 | 2360 | 1990 | 1982 | 2021 | 1764 | 1861 | 1922 | 1856 | 1889 | 1805 | 1854 | 1869 |
| Ages at Death: Under 1 year - - | 339 | 443 | 345 | 373 | 404 | 358 | 385 | 366 | 392 | 398 | 383 | 381 | 367 |
| 1—5 years - - | 277 | 456 | 361 | 353 | 367 | 306 | 298 | 318 | 318 | 324 | 303 | 340 | 311 |
| 5—20 " - - | 82 | 111 | 90 | 85 | 76 | 72 | 92 | 93 | 75 | 100 | 98 | 97 | 83 |
| 20—40 " - - | 187 | 267 | 231 | 225 | 203 | 206 | 204 | 230 | 221 | 226 | 218 | 202 | 206 |
| 40—60 " - - | 262 | 436 | 389 | 385 | 366 | 341 | 335 | 342 | 334 | 363 | 334 | 340 | 360 |
| 60—80 " - - | 321 | 544 | 472 | 470 | 490 | 372 | 438 | 467 | 423 | 391 | 379 | 383 | 425 |
| 80 years and upwards | 87 | 103 | 102 | 91 | 115 | 109 | 109 | 106 | 93 | 87 | 90 | 111 | 117 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox - - - - - | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Measles - - - - - | 112 | 166 | 130 | 134 | 130 | 79 | 80 | 87 | 100 | 106 | 115 | 141 | 134 |
| Scarlet Fever - - - | 9 | 11 | 19 | 15 | 17 | 17 | 12 | 19 | 9 | 11 | 8 | 8 | 10 |
| Diphtheria - - - - | 56 | 53 | 50 | 44 | 33 | 36 | 42 | 45 | 38 | 46 | 38 | 33 | 36 |
| Whooping-cough - - - | 57 | 76 | 65 | 76 | 69 | 84 | 64 | 67 | 53 | 52 | 49 | 59 | 56 |
| Typhus - - - - - | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Enteric Fever - - - | 5 | 14 | 10 | 9 | 8 | 9 | 8 | 6 | 8 | 9 | 11 | 7 | 10 |
| Simple Continued Fever - | – | – | – | – | – | 1 | 1 | – | – | – | – | – | – |
| Diarrhœa and Dysentery .. | 6 | 13 | 10 | 10 | 7 | 10 | 17 | 12 | 8 | 8 | 11 | 9 | 11 |
| Cholera - - - - - - | – | – | – | – | – | – | – | – | – | – | – | – | – |
| All the above Diseases - | 245 | 333 | 284 | 288 | 264 | 236 | 224 | 236 | 211 | 232 | 232 | 257 | 257 |
| Dis. of Respiratory System - | 353 | 700 | 533 | 516 | 567 | 471 | 471 | 463 | 438 | 416 | 425 | 429 | 430 |
| Phthisis - - - - - | 160 | 201 | 180 | 212 | 170 | 159 | 163 | 192 | 180 | 179 | 172 | 192 | 184 |
| Dis. of Circulatory System - | 131 | 167 | 186 | 161 | 153 | 135 | 126 | 164 | 141 | 161 | 153 | 141 | 136 |
| Violence - - - - - | 79 | 117 | 79 | 77 | 87 | 52 | 78 | 61 | 77 | 74 | 53 | 68 | 59 |
| Inquest Cases - - - - | 158 | 251 | 205 | 173 | 167 | 130 | 153 | 159 | 169 | 174 | 142 | 176 | 157 |
| Deaths in Public Institutions - | 413 | 603 | 533 | 533 | 523 | 478 | 538 | 532 | 551 | 515 | 477 | 471 | 543 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean - - - - - - | 35°·8 | 45°·1 | 43°·4 | 41°·8 | 45°·1 | 42°·4 | 44°·0 | 43°·0 | 42°·7 | 37°·6 | 38°·9 | 37°·7 | 45°·7 |
| Mean of Highest readings - | 40·3 | 48·7 | 48·9 | 44·6 | 48·1 | 45·2 | 49·4 | 48·3 | 47·6 | 44·8 | 46·2 | 43·9 | 52·6 |
| Mean of Lowest readings - | 30·0 | 40·7 | 37·1 | 37·6 | 40·9 | 39·8 | 39·6 | 37·8 | 38·3 | 31·4 | 33·5 | 32·3 | 38·6 |
| Humidity of the Air - - | 88 | 87 | 89 | 85 | 91 | 80 | 79 | 81 | 80 | 76 | 81 | 76 | 78 |
| Rain-fall (in inches) - - | 0·02 | 0·66 | 0·49 | 0·00 | 0·12 | 0·00 | 0·28 | 0·20 | 0·35 | 0·21 | 0·59 | 0·01 | 0·25 |
| Registered Sunshine (in hours) | 12·9 | 5·0 | 11·1 | 3·5 | 3·4 | 2·2 | 10·2 | 7·0 | 9·4 | 25·8 | 15·1 | 18·0 | 13·3 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox - - - - - | – | – | – | – | – | – | – | – | – | – | 1 | 1 | 1 |
| Scarlet Fever - - - - | 3619 | 3572 | 3150 | 3253 | 3149 | 3061 | 2964 | 2871 | 2781 | 2374 | 2534 | 2445 | 2419 |
| Diphtheria - - - - | 1086 | 1070 | 1062 | 1023 | 1045 | 1062 | 1011 | 1042 | 1058 | 1061 | 1017 | 1027 | 1024 |
| Enteric Fever - - - - | 129 | 116 | 111 | 110 | 109 | 106 | 96 | 93 | 87 | 84 | 82 | 84 | 79 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton: A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Boobbyer Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S. Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.

BLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the ELEVENTH Week of the Year 1898.

| USES OF DEATH. | Corrected Averages for the 11th Week of the 10 years 1888-97*. | In the Week ending Saturday, 19th March 1898. Deaths of Persons of the Ages: All Ages. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| USES | 1897·6 | 1869 | 367 | 311 | 83 | 206 | 360 | 425 | 117 |
| Vaccinated† | 0·1 | – | – | – | – | – | – | – | – |
| Unvaccinated | 0·4 | – | – | – | – | – | – | – | – |
| No Statement | 0·2 | – | – | – | – | – | – | – | – |
| s | 52·2 | 134 | 25 | 101 | 8 | – | – | – | – |
| Fever | 16·5 | 10 | 1 | 7 | 2 | – | – | – | – |
| s | 0·1 | – | – | – | – | – | – | – | – |
| ng Fever | – | – | – | – | – | – | – | – | – |
| za | 52·9 | 64 | 4 | 4 | 1 | 6 | 22 | 20 | 7 |
| ing-cough | 71·1 | 56 | 23 | 29 | 4 | – | – | – | – |
| eria | 38·8 | 36 | 5 | 24 | 6 | – | – | 1 | – |
| Continued and fined Fever | 0·3 | – | – | – | – | – | – | – | – |
| Fever | 8·5 | 10 | – | – | 2 | 4 | 2 | 2 | – |
| and Chol. Diarr. | 0·3 | – | – | – | – | – | – | – | – |
| cea, Dysentery | 13·6 | 11 | 5 | 2 | – | – | 1 | 2 | 1 |
| ent Fever | 0·3 | – | – | – | – | – | – | – | – |
| hobia | – | – | – | – | – | – | – | – | – |
| rs | 0·1 | – | – | – | – | – | – | – | – |
| x and Effects of nation | 0·2 | – | – | – | – | – | – | – | – |
| al Affections | 9·8 | 11 | 7 | – | – | 1 | 2 | 1 | – |
| elas | 4·2 | 5 | 1 | – | 1 | 1 | 1 | 1 | – |
| a and Septicæmia | 1·7 | 1 | – | – | – | 1 | – | – | – |
| ral Fever | 4·8 | 3 | – | – | – | 3 | – | – | – |
| Zymotic Diseases | 1·6 | 1 | – | – | – | – | – | 1 | – |
| | 0·3 | – | – | – | – | – | – | – | – |
| and other Para-l Diseases | 0·3 | – | – | – | – | – | – | – | – |
| ion, Want of t-milk | 2·5 | 2 | 1 | – | – | – | – | 1 | – |
| lism | 7·4 | 11 | – | – | – | 2 | 8 | 1 | – |
| atic Fever, matism of Heart | 7·4 | 9 | – | – | 2 | 4 | 3 | – | – |
| atism | 2·6 | 4 | – | – | 1 | – | 2 | 1 | – |
| | 4·1 | 2 | – | – | – | – | 1 | 1 | – |
| s | 6·0 | 8 | 3 | 5 | – | – | – | – | – |
| | 67·1 | 76 | – | – | 1 | 3 | 37 | 31 | 4 |
| Mesenterica | 21·4 | 13 | 8 | 5 | – | – | – | – | – |
| ular Meningitis | 27·4 | 25 | 3 | 16 | 4 | 1 | 1 | – | – |
| s | 173·3 | 184 | 1 | 2 | 7 | 93 | 68 | 13 | – |
| a, Tuberculosis | 22·0 | 17 | 7 | 4 | 1 | 3 | 2 | – | – |
| Constitutional ses | 13·2 | 14 | – | 1 | – | 3 | 6 | 3 | 1 |
| ure Birth | 48·5 | 47 | 47 | – | – | – | – | – | – |
| asis | 3·2 | 4 | 4 | – | – | – | – | – | – |
| ital Malforma- | 7·2 | 14 | 13 | 1 | – | – | – | – | – |
| e | 56·1 | 75 | – | – | – | – | – | 33 | 42 |
| xy | 47·0 | 60 | – | – | 1 | 4 | 20 | 31 | 4 |
| sy | 8·4 | 3 | – | – | 1 | – | 1 | 1 | – |
| sions | 45·1 | 29 | 24 | 5 | – | – | – | – | – |
| Diseases of Brain Nervous System | 99·1 | 109 | 11 | 13 | 5 | 8 | 30 | 36 | 6 |
| es of Organs of al Sense | 3·6 | 5 | – | 1 | 2 | 1 | 1 | – | – |

| CAUSES OF DEATH | Corrected Averages for the 11th Week of the 10 years 1888-97*. | In the Week ending Saturday, 19th March 1898. Deaths of Persons of the Ages: All Ages. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System | 155·6 | 136 | 3 | 1 | 8 | 14 | 41 | 62 | 7 |
| Croup | 7·6 | – | – | – | – | – | – | – | – |
| Bronchitis | 305·5 | 239 | 40 | 24 | 3 | 5 | 41 | 99 | 27 |
| Pneumonia | 150·3 | 148 | 40 | 48 | 10 | 13 | 15 | 19 | 3 |
| Pleurisy | 6·5 | 5 | – | – | 1 | 2 | – | 1 | 1 |
| Other Diseases of Respiratory System | 36·9 | 38 | 3 | 6 | 2 | 3 | 7 | 13 | 4 |
| Dentition | 15·7 | 5 | 3 | 2 | – | – | – | – | – |
| Quinsy, Sore Throat | 1·9 | – | – | – | – | – | – | – | – |
| Enteritis | 11·2 | 10 | 6 | 2 | – | – | 1 | 1 | – |
| Peritonitis | 7·3 | 7 | – | – | 3 | – | 2 | 1 | 1 |
| Diseases of Liver | 24·0 | 30 | 4 | – | 1 | 3 | 12 | 9 | 1 |
| Other Diseases of Digestive System | 31·0 | 25 | 8 | – | 1 | 3 | 8 | 3 | 2 |
| Diseases of Lymphatic System & of Ductless Glands | 2·8 | – | – | – | – | – | – | – | – |
| Diseases of Urinary System | 46·1 | 51 | – | – | 1 | 10 | 11 | 24 | 5 |
| Diseases of Generative System | 4·1 | 6 | – | – | – | 4 | 2 | – | – |
| Accidents of Childbirth | 4·7 | 1 | – | – | – | 1 | – | – | – |
| Diseases of Locomotive System | 5·8 | 6 | – | – | 1 | – | 2 | 2 | 1 |
| Diseases of Integumentary System | 6·2 | 4 | 2 | – | – | – | – | 2 | – |
| VIOLENT DEATHS ‡ (ACCIDENT.) | | | | | | | | | |
| By Railways | 59·2 | 1 | – | – | – | 1 | – | – | – |
| By Vehicles or Horses | | 1 | – | – | – | – | – | 1 | – |
| In Ships, Boats, Docks, (exclusive of Drowning) | | 1 | – | – | – | 1 | – | – | – |
| In Building Operations | | – | – | – | – | – | – | – | – |
| In Conflagrations | | 3 | – | 1 | 1 | 1 | – | – | – |
| By Burns, Scalds, Explosions | | 5 | – | 3 | 1 | – | 1 | – | – |
| By Drowning | | 2 | 2 | – | – | – | – | – | – |
| By Suffocation in Bed | | 22 | 22 | – | – | – | – | – | – |
| By Poisons or Poisonous Vapours | | – | – | – | – | – | – | – | – |
| Other or not stated causes | | 21 | 1 | 1 | 1 | 5 | 6 | 7 | – |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide | 1·9 | – | – | – | – | – | – | – | – |
| Suicide | 10·8 | 3 | – | – | – | 1 | 2 | – | – |
| Execution | 0·1 | – | – | – | – | – | – | – | – |
| OTHER CAUSES | 51·5 | 46 | 40 | 3 | – | 1 | 1 | 1 | – |

e numbers in this column are the average weekly deaths for the ten years 1888-97, raised by 5·230 per cent. for increase pulation.

ly those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered al men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

e evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of nt, murder manslaughter or suicide. All such cases are classed under "accident."

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, ME SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered SUB-DISTRICT during the Week ending Saturday, 19th March, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2576 | 1869 | 367 | 542 | - | 134 | 10 | 36 | 56 | - | 10 | - | 11 | 59 | 157 |
| WEST DISTRICTS - - - | 778,251 | 354 | 366 | 68 | 97 | - | 44 | 1 | 3 | 4 | - | 3 | - | 2 | 11 | 29 |
| NORTH DISTRICTS - - - | 1,040,694 | 581 | 363 | 68 | 114 | - | 30 | - | 14 | 10 | - | 2 | - | 2 | 10 | 31 |
| CENTRAL DISTRICTS - - - | 233,635 | 126 | 100 | 14 | 27 | - | 6 | - | 1 | 2 | - | - | - | - | 7 | 15 |
| EAST DISTRICTS - - - | 716,334 | 539 | 352 | 92 | 92 | - | 17 | 2 | 5 | 24 | - | 1 | - | 3 | 16 | 50 |
| SOUTH DISTRICTS - - - | 1,642,796 | 976 | 636 | 125 | 188 | - | 37 | 7 | 12 | 16 | - | 4 | - | 4 | 14 | 31 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON * | — | - | 52 | - | 24 | - | - | - | 1 | - | - | - | - | - | 1 | 1 |
| WEST DISTRICTS. | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 55 | 43 | 9 | 9 | - | 4 | - | - | 1 | - | 2 | - | - | - | 1 |
| St. John Paddington *H* - - G. | 33,510 | 7 | 10 | 1 | 3 | - | - | - | - | - | - | - | - | - | - | - |
| Kensington Town *Ww* - - W. | 122,164 | 39 | 65 | 10 | 23 | - | 9 | - | - | 3 | - | - | - | - | 2 | 4 |
| Brompton *H* - - - W. & C. | 48,301 | 10 | 10 | 1 | 3 | - | - | - | - | - | - | - | - | - | - | - |
| St. Peter Hammersmith - - W. | 9,097 | 3 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | 1 |
| St. Paul Hammersmith *HH* W. & G. | 35,102 | 43 | 48 | 9 | 12 | - | 8 | - | - | - | - | 1 | - | - | 2 | 3 |
| Fulham *Ww* - - - W. & C. | 113,781 | 86 | 45 | 18 | 5 | - | 6 | 1 | 1 | - | - | - | - | - | 3 | 7 |
| Chelsea Kensal Town - C. | 21,450 | 17 | 10 | 1 | 3 | - | 1 | - | - | - | - | - | - | - | 1 | 2 |
| Chelsea North *WHHHHH* - C. | 42,057 | 20 | 30 | 2 | 7 | - | 3 | - | - | - | - | - | - | 2 | - | - |
| Chelsea South *HH* - - C. | 33,139 | 22 | 24 | 7 | 8 | - | 5 | - | - | - | - | - | - | - | - | 2 |
| May Fair *W* - - - - G. | 23,827 | 1 | 18 | 1 | 8 | - | 2 | - | - | - | - | - | - | - | 1 | 1 |
| Belgrave *WHHH* - - - C. | 56,140 | 21 | 26 | 2 | 8 | - | 2 | - | 1 | - | - | - | - | - | - | 4 |
| St. John Westminster *HH* - C. | 31,492 | 17 | 15 | 3 | 3 | - | 3 | - | - | - | - | - | - | - | 1 | 2 |
| St. Margaret Westminster *H*- C. | 22,097 | 4 | 14 | 4 | 2 | - | - | - | 1 | - | - | - | - | - | 1 | 1 |
| St. James Westminster *WHH* N. & G. | 23,050 | 6 | 2 | - | 1 | - | 1 | - | - | - | - | - | - | - | - | 1 |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 3 | 4 | - | 2 | - | - | - | - | - | - | - | - | - | - | - |
| NORTH DISTRICTS. | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - - W. | 36,595 | 17 | 16 | 3 | 5 | - | - | - | - | - | - | - | - | - | - | - |
| Rectory Marylebone *W* G. & W. | 19,798 | 6 | 7 | 2 | 4 | - | - | - | - | 1 | - | - | - | - | - | - |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 27 | 4 | 1 | 1 | - | 1 | - | - | - | - | - | - | - | - | - |
| Christchurch Marylebone *H* - W | 32,547 | 19 | 8 | 1 | 3 | - | - | - | 1 | - | - | - | - | 1 | - | 1 |
| St. John Marylebone *HHH* W. | 32,611 | 14 | 12 | 2 | 3 | - | - | - | - | - | - | - | - | - | - | 1 |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 32 | 22 | 4 | 5 | - | 2 | - | 3 | - | - | 2 | - | - | - | 1 |
| Regent's Park Pancras *HH* - W. | 37,341 | 12 | 8 | 4 | 2 | - | - | - | - | - | - | - | - | - | - | 1 |
| Tottenham-court *wHHH* - N. & W. | 26,757 | 16 | 14 | - | 3 | - | - | - | - | - | - | - | - | - | 1 | 2 |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 18 | 11 | 6 | 1 | - | - | - | - | - | - | - | - | - | - | 1 |
| Somers Town *HH* - - - N. | 32,161 | 18 | 10 | 3 | 2 | - | 1 | - | - | - | - | - | - | - | 1 | 2 |
| Camden Town *WH* - - N. | 16,669 | 8 | 6 | - | 4 | - | - | - | - | - | - | - | - | - | - | - |
| Kentish Town *WW* - - N. | 98,410 | 62 | 25 | 3 | 7 | - | - | - | - | 1 | - | - | - | - | - | 2 |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 59 | 41 | 5 | 15 | - | 3 | - | - | 1 | - | - | - | - | 1 | 1 |
| Islington South-west *H* - N. | 107,365 | 61 | 35 | 9 | 5 | - | 10 | - | - | 4 | - | - | - | - | - | 5 |
| Islington South-east - - N. | 66,549 | 39 | 19 | 6 | 5 | - | 4 | - | - | 2 | - | - | - | - | 1 | 2 |
| Highbury *HH* - - - N. | 64,577 | 32 | 23 | 4 | 9 | - | 4 | - | - | - | - | - | - | - | 1 | 1 |
| Stoke Newington *H* - N. | 33,485 | 22 | 14 | 1 | 7 | - | 2 | - | - | - | - | - | - | 1 | - | 1 |
| North Hackney - - E. & N. | 213,044 | 16 | 15 | 1 | 7 | - | 1 | - | - | - | - | - | - | - | - | - |
| Central Hackney *ww* - E. & N. | | 27 | 21 | 4 | 2 | - | 2 | - | 10 | 1 | - | - | - | - | - | 1 |
| South-west Hackney *HHH* E. & N. | | 40 | 22 | 4 | 7 | - | - | - | - | - | - | - | - | - | 2 | 4 |
| South-east Hackney *WwH* E. & N. | | 36 | 30 | 5 | 17 | - | - | - | - | - | - | - | - | - | 3 | 5 |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated the namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junc Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River; E. I London; and K. the Kent Company.

* See note † on first page of this Return.

BLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH. FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 19th March, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population. 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week nclude: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CENTRAL DISTRICTS. | | | | | | | | | | | | | | | | | | |
| . George Bloomsbury - - N. | 16,110 | 6 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| . Giles South *WH* - - N. | 12,976 | 10 | 8 | - | 4 | - | 1 | - | - | - | - | - | - | - | - | 1 | 3 | - |
| . Giles North *H* - - - N. | 9,151 | 2 | 3 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| . Martin-in-the-Fields *HH* N. & C. | 13,077 | 10 | 10 | 1 | 3 | - | - | - | 1 | - | - | - | - | - | 2 | 3 | 5 | - |
| rand *WHH* - - - - N. | 11,839 | 6 | 9 | 2 | 1 | - | - | - | - | - | - | - | - | - | 1 | 2 | 7 | - |
| *rand Union Workhouse, Edmonton* | †1,037 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| olborn *wHHHHHHH* - N. | 31,042 | 16 | 12 | 2 | 1 | - | 3 | - | - | - | - | - | - | - | 1 | 1 | 7 | - |
| . James Clerkenwell - - N. | 15,777 | 4 | 5 | 1 | 1 | - | - | - | - | 1 | - | - | - | - | - | 1 | - | - |
| mwell Clerkenwell - - N. | 34,356 | 23 | 9 | 2 | 3 | - | 1 | - | - | - | - | - | - | - | 1 | 1 | - | - |
| oswell-street - - - - N. | 16,069 | 5 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 |
| ity-road *HHHL* - - - N. | 29,897 | 28 | 18 | 3 | 9 | - | 1 | - | - | 1 | - | - | - | - | 1 | 3 | 4 | - |
| hitecross-street - - - N. | 7,595 | 5 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| insbury - - - - - N. | 4,035 | 1 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| *olborn Union Workhouse, Mitcham* - - - - | †892 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| t. Botolph *H* - - N. & E. | 6,870 | 6 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ripplegate - - - - N. | 3,299 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| t. Sepulchre *WH* - - - N. | 9,591 | 3 | 14 | - | 3 | - | - | - | - | - | - | - | - | - | 1 | 2 | 8 | - |
| llhallows Barking - - - N. | 9,059 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| road Street *H* - - - N. | 2,892 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| *ity of London Asylum, Stone* - - | †388 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| EAST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| horeditch South *Hl* - E. & N. | 17,975 | 12 | 7 | 2 | 3 | - | - | - | - | - | - | - | - | - | 1 | 2 | 3 | - |
| oxton New Town *w* - - N. | 29,575 | 26 | 21 | 3 | 10 | - | 1 | - | - | 1 | - | - | - | - | - | - | 10 | - |
| oxton Old Town - - - N. | 27,645 | 13 | 9 | 1 | 1 | - | - | 1 | - | - | - | - | - | - | 1 | 2 | - | - |
| laggerston *WH* - - N. & E. | 47,163 | 41 | 24 | 4 | 5 | - | 1 | - | 1 | 3 | - | - | - | 1 | 1 | 3 | 6 | - |
| Bethnal Green North *H* - E. | 49,301 | 46 | 21 | 9 | 1 | - | 3 | - | - | 3 | - | - | - | - | 2 | 5 | - | - |
| Bethnal Green South - - E. | 34,194 | 29 | 21 | 10 | 2 | - | 2 | - | - | 4 | - | - | - | 1 | - | 5 | - | - |
| Bethnal Green East *WHl* - E. | 45,667 | 30 | 27 | 4 | 11 | - | - | - | - | 2 | - | - | - | - | 2 | 5 | 14 | - |
| pitalfields - - - E. & N. | 26,681 | 22 | 12 | 4 | 4 | - | 1 | - | - | 1 | - | - | - | - | - | 3 | - | - |
| ile End New Town *W* - E. | 12,816 | 8 | 20 | 3 | 5 | - | - | - | - | 1 | - | - | - | - | 3 | 3 | 13 | - |
| hitechapel Church *H* - E. & N. | 25,561 | 16 | 23 | 6 | 1 | - | 3 | - | 1 | - | - | 1 | - | - | 3 | 7 | 17 | - |
| oodman's Fields - - - E. | 13,618 | 6 | 4 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| St. George's North - - - E. | 39,576 | 29 | 9 | 4 | - | - | 1 | - | - | - | - | - | - | - | - | 1 | - | - |
| St. John, St. George East *W* E. | 7,930 | 4 | 7 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | 4 | - |
| Shadwell *H* - - - E. & N. | 10,434 | 6 | 4 | 3 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | - |
| Ratcliff *W* - - - - E. | 14,954 | 7 | 4 | - | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - | - |
| Limehouse - - - - E. | 32,917 | 29 | 13 | 8 | - | - | - | 1 | - | 2 | - | - | - | - | 1 | 3 | - | - |
| Mile End Old Town West *H* E. | 111,060 | 46 | 18 | 7 | 5 | - | - | - | - | 2 | - | - | - | - | - | 2 | - | - |
| Mile End Old Town East *WWww* - E. | | 44 | 29 | 5 | 10 | - | 1 | - | - | - | - | - | - | - | 1 | 3 | 6 | - |
| Bow *l* - - - - E. | 41,687 | 23 | 15 | 1 | 4 | - | 2 | - | - | - | - | - | - | - | - | - | - | - |
| Bromley *wwwH* - - - E. | 69,821 | 57 | 43 | 11 | 16 | - | 1 | - | 1 | 3 | - | - | - | - | - | 2 | 23 | - |
| Poplar *WW* - - - - E. | 57,759 | 45 | 21 | 6 | 8 | - | - | - | 2 | 1 | - | - | - | 1 | 1 | 3 | 2 | - |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASL SCARLET FEVER. DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in ea SUB-DISTRICT during the Week ending Saturday, 19th March, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WH*L.&S. | 13,064 | 11 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Saviour Southwark - - S. | 12,301 | 8 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Kent-road - - - - S. & L. | 22,879 | 20 | 6 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Borough-road *WH* - S. & L. | 16,083 | 12 | 6 | - | 2 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| London-road *HL* - - L. & S. | 21,316 | 10 | 7 | 1 | 3 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| Trinity Newington - - S. & L. | 28,723 | 23 | 6 | 2 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - |
| St. Peter Walworth *W* - S. & L. | 62,045 | 39 | 20 | 7 | 6 | - | - | - | - | - | - | - | - | - | - | - | 2 | 2 |
| St. Mary Newington- - L. & S. | 30,171 | 16 | 5 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Olave *WH*- - - - S. | 11,731 | 10 | 22 | 2 | 1 | - | - | - | - | 1 | - | 1 | - | - | 1 | 1 | 19 | - |
| Leather Market *W* - S. & L. | 32,339 | 18 | 10 | 3 | 4 | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - |
| St. James Bermondsey - - S. | 53,136 | 33 | 10 | 2 | 2 | - | - | - | - | 1 | - | - | - | - | - | 2 | - | - |
| Rotherhithe *WwH* - S. & K. | 40,379 | 28 | 24 | 1 | 7 | - | - | 1 | - | 2 | - | - | - | - | - | - | 14 | - |
| Waterloo-road *HH* - L. & S. | 28,396 | 37 | 13 | 6 | 1 | - | - | - | - | - | - | - | - | - | 1 | 1 | 2 | - |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 11 | 20 | 2 | 5 | - | 1 | - | - | 1 | - | - | - | - | 1 | 1 | 13 | - |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 37 | 31 | - | 16 | - | - | - | - | - | - | - | - | 1 | - | 2 | 21 | - |
| Kennington 1st *H* - - S. & L. | 52,486 | 22 | 22 | 2 | 6 | - | 5 | - | - | - | - | 1 | - | - | - | - | - | - |
| Kennington 2nd - - S. & L. | 43,244 | 13 | 12 | - | 5 | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - |
| Brixton *w* - - - L. & S. | 81,825 | 35 | 26 | 7 | 4 | - | - | 1 | 2 | - | - | - | - | - | 1 | 1 | 4 | - |
| Norwood *WH*- - - - L. | 29,318 | 12 | 4 | 1 | 1 | - | 2 | - | - | - | - | - | - | - | - | - | - | - |
| East Battersea - - - - - S. | 71,730 | 52 | 26 | 8 | 5 | - | 5 | - | 1 | 1 | - | - | - | - | 1 | 2 | - | - |
| West Battersea *WwH* - - S | 93,385 | 42 | 46 | 8 | 16 | - | 6 | - | - | 1 | - | 1 | - | - | 2 | 3 | 13 | - |
| Clapham *H* - - - - S. | 46,953 | 23 | 14 | 1 | 7 | - | 1 | - | - | - | - | - | - | - | 1 | 1 | - | - |
| Wandsworth *WHHL* - - S. | 58,101 | 45 | 17 | 3 | 8 | - | 2 | - | - | - | - | - | - | - | - | 1 | 2 | - |
| Putney - - - - - - S. | 20,566 | 5 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Streatham *Wwww*- - - L. | 61,644 | 29 | 16 | 1 | 5 | - | 2 | 3 | 1 | 1 | - | - | - | - | - | - | 7 | - |
| Dulwich - - - - L. & S. | 7,519 | 2 | 4 | - | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Camberwell *Wwll* - S. & L. | 90,286 | 57 | 53 | 16 | 15 | - | - | - | - | - | - | - | - | - | 1 | 1 | 20 | - |
| Peckham *WW* - S., L., & K. | 88,242 | 46 | 37 | 9 | 12 | - | 2 | - | 1 | 3 | - | - | - | 1 | - | 3 | - | 2 |
| St. George Camberwell - L. & S. | 67,029 | 45 | 25 | 6 | 7 | - | - | - | - | - | - | - | - | - | 1 | 4 | - | - |
| Deptford North - - - K. | 36,152 | 25 | 14 | 5 | 3 | - | 1 | 1 | - | - | - | - | - | - | - | - | - | 1 |
| Deptford Central *w* - - K. | 45,441 | 30 | 17 | 4 | 1 | - | 1 | - | 4 | - | - | - | - | - | - | - | 3 | 1 |
| Deptford South - - - K. | 33,402 | 13 | 12 | 2 | 6 | - | 1 | - | - | - | - | - | - | - | - | - | - | 1 |
| Greenwich West *H* - - K. | 23,012 | 14 | 10 | 4 | 1 | - | - | - | 1 | 3 | - | - | - | 1 | 1 | - | 2 | - |
| Greenwich East *WH* - - K. | 37,767 | 28 | 30 | 1 | 13 | - | 2 | - | - | - | - | - | - | - | - | 1 | 19 | 1 |
| Eltham *wH* - - - - K. | 5,911 | 3 | 3 | 1 | 1 | - | - | - | 1 | - | - | - | - | - | - | - | - | - |
| Lee *H* - - - - - K. | 24,222 | 4 | 3 | 1 | 1 | - | - | - | - | - | - | 1 | - | - | - | - | 1 | 1 |
| Lewisham *WwH* - - - K. | 38,139 | 26 | 18 | 5 | 4 | - | - | 1 | - | 1 | - | - | - | 1 | 1 | 2 | 6 | - |
| Sydenham *H* - - - - L. | 37,601 | 14 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Charlton *wHH* - - K. | 15,928 | 8 | 4 | 1 | 1 | - | - | - | - | - | - | - | - | - | 1 | 1 | 2 | - |
| Woolwich Dockyard - - K. | 19,355 | 9 | 4 | 2 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 18 | 9 | 2 | 3 | - | 3 | - | - | - | - | - | - | - | - | - | - | 1 |
| Plumstead West *H* - - K. | 16,714 | 7 | 7 | 2 | 2 | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - |
| Plumstead East *WH* - - K. | 42,538 | 36 | 16 | 3 | 8 | - | 1 | - | - | - | - | - | - | - | - | - | 5 | 3 |
| Banstead Asylum - - - - | — | - | 11 | - | 5 | - | - | - | - | - | - | - | - | - | - | - | 11 | - |
| Caterham Asylum - - - - | — | - | 4 | - | 3 | - | - | - | - | - | - | - | - | - | - | - | 4 | - |
| Cane Hill Asylum - - - - | — | - | 7 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | 1 | 7 | - |
| Hospital Ships and Camp, Dartford | — | - | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | 1 | - |
| Darenth Asylum - - - - | — | - | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 2 | - |
| Hanwell Asylum - - - - | — | - | 17 | - | 8 | - | - | - | - | - | - | - | - | - | - | - | 17 | - |
| Colney Hatch Asylum - - - | — | - | 2 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | 2 | - |
| N.E. Hospital - - - - - | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Winchmore Hill Hospital - - | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Leavesden Asylum - - - - | — | - | 3 | - | 3 | - | - | - | - | - | - | - | - | - | - | - | 3 | - |
| Claybury Asylum - - - - | — | - | 5 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 5 | - |

E 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 19th March, 1898.

| | REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years & upwds. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ONDON—OUTER RING - | 368,749 | 1,422,063 | 1,020 | 540 | 122 | 151 | – | 30 | 2 | 10 | 6 | 1 | 2 | 22 | 33 | 62 | 6 |
| 1 | Carshalton *wHH* - - | 12,228 | 26,108 | 11 | 9 | 3 | 4 | – | – | – | – | – | – | – | – | 1 | – | – |
| 2 | Epsom, *part of** *WwHH* - | 10,423 | 12,508 | 6 | 4 | – | 2 | – | – | – | – | – | – | – | – | – | 2 | – |
| 1 | Godstone, *part of** *W* - | 2,754 | 1,598 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Croydon *WwHHH* - - | 20,851 | 128,699 | 64 | 41 | 8 | 19 | – | 1 | 1 | – | – | 1 | – | 2 | 3 | 9 | – |
| 2 | Mitcham *w* - - - | 11,697 | 23,088 | 19 | 6 | 2 | 3 | – | – | – | 1 | – | – | – | – | – | – | – |
| 1 | Wimbledon *HHH* - - | 3,220 | 25,761 | 18 | 7 | 2 | 3 | – | – | – | – | – | – | – | 1 | 1 | – | – |
| 2 | Kingston *W* - - - | 8,071 | 33,566 | 25 | 6 | 1 | 2 | – | 1 | – | – | – | – | – | – | – | 1 | – |
| 3 | Surbiton *H*- - - - | | 11,199 | 6 | 8 | 1 | 3 | – | – | – | – | – | – | – | – | – | – | – |
| 4 | Esher, *part of** *HH* - - | 6,601 | 12,059 | 6 | 3 | – | 1 | – | 2 | – | – | – | – | – | – | – | – | – |
| 5 | Hampton *HL* - - - | 4,565 | 18,252 | 9 | 9 | 3 | – | – | – | – | – | – | – | – | – | – | – | 1 |
| 1 | Richmond *WH*- - - - | 2,160 | 25,389 | 12 | 13 | 1 | 8 | – | – | – | – | – | – | 1 | – | – | 6 | – |
| 2 | Mortlake *H* - - - | 2,823 | 16,159 | 15 | 5 | – | 4 | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Bromley *HHH* - - - | 9,127 | 23,815 | 16 | 4 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Beckenham *H* - - - | 6,542 | 21,969 | 15 | 5 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 6 | 9 | – | 3 | – | – | – | – | 1 | – | – | 1 | 1 | 1 | – |
| 1 | Bexley *HHH* - - - | 12,540 | 30,590 | 26 | 11 | 1 | 7 | – | – | – | – | – | – | – | 1 | 1 | – | – |
| 2 | Dartford *WH*, part of* - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Sunbury *w* - - - | 11,054 | 13,671 | 7 | 5 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Staines *WH* - - - | 13,277 | 13,221 | 6 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Hillingdon *WHH* - - | 6,035 | 12,237 | 7 | 6 | 1 | 3 | – | 1 | – | 1 | – | – | – | – | – | 2 | – |
| 2 | Uxbridge - - - - | 12,757 | 7,253 | 5 | 4 | – | 2 | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Hayes *wH*- - - - | 7,952 | 11,051 | 8 | 2 | 1 | – | – | 1 | – | – | – | – | – | – | – | – | – |
| 1 | Isleworth *WHH* - - | 6,967 | 26,004 | 11 | 6 | 1 | 3 | – | 1 | – | – | 1 | – | – | – | – | 2 | – |
| 2 | Twickenham *HH* - - | 2,415 | 16,027 | 12 | 9 | 4 | 1 | – | 3 | – | – | 1 | – | – | – | – | – | – |
| 3 | Brentford *HHHH* - - | 4,318 | 37,777 | 20 | 10 | – | 2 | – | – | – | – | – | – | – | – | – | – | – |
| 4 | Chiswick - - - - | 1,245 | 21,963 | 19 | 8 | 2 | 4 | – | – | – | – | – | – | – | – | – | – | – |
| 5 | Acton *wH* - - - - | 6,132 | 30,945 | 22 | 11 | 1 | 1 | – | 2 | – | – | – | – | – | – | – | – | – |
| 1 | Harrow *HHH* - - - | 13,809 | 15,715 | 7 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Edgware *HH* - - - | 6,994 | 3,844 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Willesden *HHH* - - | 4,383 | 61,265 | 54 | 19 | 4 | 3 | – | 1 | – | 2 | – | – | – | 2 | 1 | 2 | – |
| 4 | Hendon *WH* - - - | 8,382 | 15,843 | 5 | 9 | 1 | 1 | – | 1 | – | 1 | – | – | – | – | 1 | 3 | – |
| 1 | South Mimms *HH* - - | 15,599 | 8,474 | 5 | 6 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Barnet *WHH* - - - | 5,478 | 12,045 | 12 | 7 | 1 | 2 | – | – | – | – | – | – | – | 1 | 1 | – | – |
| 3 | Finchley *HHH*- - - | 4,688 | 25,820 | 15 | 6 | 4 | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| 1 | Hornsey *HH* - - - | 3,039 | 61,097 | 28 | 18 | 5 | 6 | – | – | – | – | – | – | – | – | 2 | – | – |
| 2 | Tottenham *HH*- - - | 4,642 | 97,174 | 59 | 29 | 8 | 6 | – | 2 | – | 1 | – | – | – | 1 | 2 | 2 | – |
| 3 | Edmonton *Www* - - | 7,489 | 36,351 | 28 | 20 | 4 | 4 | – | 1 | – | – | – | – | – | – | 1 | 5 | – |
| 4 | Enfield *WWHH* - - | 12,602 | 31,536 | 28 | 11 | 3 | 3 | – | 2 | – | – | – | – | – | 2 | 2 | 1 | – |
| 5 | Waltham Abbey - - - | 11,017 | 6,066 | 1 | 3 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 6 | Cheshunt *H* - - - | 8,480 | 9,620 | 2 | 3 | 1 | – | – | 1 | – | – | – | – | 1 | – | – | – | – |
| 1 | Hatfield, *part of** *W*- - | 3,306 | 582 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Bushey *H* - - - - | 9,331 | 7,737 | 1 | 2 | 2 | – | – | – | – | – | 1 | – | – | – | – | – | – |
| 2 | Watford *WH*, part of* - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Stratford *H* - - - | 1,100 | 42,983 | 34 | 27 | 4 | 1 | – | 1 | – | – | 1 | – | – | 2 | 2 | – | 1 |
| 2 | Plaistow *WHH*- - - | 1,242 | 58,030 | 61 | 27 | 11 | 3 | – | – | – | 1 | 1 | – | – | 3 | 3 | 1 | 3 |
| 3 | Canning Town *H* - - | 1,558 | 54,750 | 67 | 19 | 6 | 5 | – | – | – | – | – | – | – | 1 | 1 | 1 | – |
| 4 | Forest Gate *w* - - - | 806 | 49,140 | 29 | 20 | 4 | 8 | – | 1 | – | 2 | – | – | – | – | – | – | 1 |
| 5 | East Ham *wH*- - - | 3,266 | 32,713 | 60 | 22 | 11 | 3 | – | – | – | – | – | – | – | 1 | 4 | – | – |
| 6 | Leyton *WWWwH* - - | 4,334 | 70,188 | 48 | 35 | 6 | 9 | – | 3 | – | 1 | – | – | – | – | 1 | 11 | – |
| 7 | Walthamstow *HHL*- - | 6,501 | 57,330 | 48 | 20 | 5 | 3 | – | 5 | – | – | – | – | – | 1 | 1 | 1 | – |
| 1 | Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 12 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Epping *WH*, part of*- - | — | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| 1 | Romford, *part of** *WH* - | 6,556 | 4,324 | 5 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Ilford - - - - - | 8,493 | 10,913 | 12 | 7 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Barking Town, *H* - - | 3,814 | 14,301 | 28 | 10 | 3 | 4 | – | – | – | – | – | – | – | 1 | 2 | – | – |
| | London Fever Hosp. - - | — | — | – | 1 | – | – | – | – | 1 | – | – | – | – | – | – | 1 | – |
| | Middlesex Co. Lunatic Asy. Wandsworth. | — | — | – | 7 | – | 5 | – | – | – | – | – | – | – | 1 | 1 | 7 | – |
| | London Co. Lunatic Asy., Cane Hill. | — | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| | London Co. Lunatic Asy., Hanwell. | — | — | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | 1 | – |
| | London Co. Lunatic Asy., Colney Hatch. | — | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |

The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring as follows:—30: 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37: 1, the parishes of Warlingham Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst -district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in field sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping p. 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for ctious Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford; and 187; 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 19th March, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | ANNUAL RATE of MORTALITY per 1000 living. From All Causes. | From Diseases in Cols. 8-14. | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. | 16 |
| GREATER LONDON | **443,421** | **6,403,321** | **19·6** | **2·5** | **2409** | **489** | **693** | **–** | **164** | **12** | **46** | **62** | **11** | **13** | **81** | **605** |
| INNER LONDON - | 74,672 | 4,504,766 | 21·6 | 3·0 | 1869 | 367 | 542 | – | 134 | 10 | 36 | 56 | 10 | 11 | 59 | 54 |
| OUTER RING - | 368,749 | 1,903,555 | 14·8 | 1·4 | 540 | 122 | 151 | – | 30 | 2 | 10 | 6 | 1 | 2 | 22 | 6 |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent to the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

| CITIES | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. (Exclusive of Stillborn) | DEATHS. (Exclusive of Stillborn) | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM PRINCIPAL ZYMOTIC DISEASES. Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœal Diseases. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 295,628 | March 19 | 150 | 131 | 23·1 | – | – | 3 | – | – | 1 | |
| GLASGOW - - | 724,349 | „ 19 | 450 | 368 | 26·5 | – | 16 | 2 | 3 | 19 | 3 | |
| DUBLIN - - | 349,594 | „ 19 | 210 | 237 | 35·3 | – | – | 4 | 1 | 3 | 7 | |
| CALCUTTA - - | 466,460 | January 15 | – | 251 | 28·0 | – | – | – | – | – | 73 | 3 |
| BOMBAY - - | 821,764 | February 22 | 189 | 1947 | 123·2 | 1 | 2 | ? | ? | ? | 1173‡ | 9 |
| MADRAS - - | 452,518 | „ 11 | – | – | – | – | – | – | – | – | – | – |
| PARIS - - - | 2,511,629 | March 12 | 1251 | 1036 | 21·4 | – | 22 | 1 | 6* | 3 | 6 | 3 |
| BRUSSELS - - | 531,024 | „ 12 | 284 | 188 | 18·4 | – | 1 | – | 2* | 1 | – | 1 |
| AMSTERDAM - | 503,045 | „ 5 | 327 | 140 | 14·5 | – | – | – | 3 | 5 | 1 | – |
| ROTTERDAM - | 290,004 | „ 5 | 223 | 101 | 18·1 | – | 2 | – | – | 1 | 4 | – |
| THE HAGUE - | 191,529 | „ 5 | 101 | 63 | 17·0 | – | – | – | – | 1 | – | – |
| COPENHAGEN - | 340,500 | „ 5 | 195 | 99 | 15·2 | – | – | 1 | – | 4 | – | |
| STOCKHOLM - | 274,611 | „ 5 | 149 | 95 | 18·0 | – | – | – | 4* | 3 | – | |
| CHRISTIANIA - | 192,141 | „ 12 | 99 | 68 | 18·4 | – | – | – | – | 3 | 1 | |
| ST. PETERSBURG | 954,400 | „ 12 | 645 | 627 | 34·3 | 1 | 9 | 19 | 25 | 1 | 35 | 4 |
| MOSCOW - - | 988,610 | „ 5 | – | 565 | 29·8 | 1 | 10 | 7 | 9 | 1 | 9 | 4 |
| BERLIN - - | 1,753,775 | February 26 | 1013 | 585 | 17·3 | – | 1 | 8 | 9 | 12 | 2 | 1 |
| HAMBURG - - | 661,015 | March 12 | – | 196 | 14·9 | – | 1 | – | 1* | 3 | – | |
| DRESDEN - - | 377,500 | February 19 | – | – | – | – | – | – | – | – | – | |
| BRESLAU - - | 392,795 | March 12 | – | 231 | 30·7 | – | 9 | 2 | 3* | – | – | |
| MUNICH - - | 430,000 | „ 12 | – | 177 | 21·4 | – | 2 | – | 1* | 1 | – | |
| VIENNA - - | 1,574,129 | „ 12 | – | – | – | – | – | – | – | – | – | |
| PRAGUE - - | 377,109 | „ 12 | – | – | – | – | – | – | – | – | – | |
| BUDA-PESTH - | 648,104 | „ 5 | 504 | 300 | 24·1 | – | 1 | 2 | 1 | – | 4 | |
| TRIESTE - - | 164,491 | „ 12 | 101 | 109 | 34·4 | – | – | 1 | 1* | – | – | |
| ROME - - - | 489,965 | February 12 | 227 | 278 | 29·6 | – | 9 | – | 1 | 1 | 5§ | |
| TURIN (11 days) | 344,203 | January 31 | – | – | – | – | – | – | – | – | – | |
| VENICE - - | 167,074 | February 26 | 79 | 104 | 32·5 | – | – | – | 1* | 1 | 1 | |
| CAIRO - - | 374,838 | January 7 | – | – | – | – | – | – | – | – | – | |
| ALEXANDRIA - | 231,396 | „ 7 | – | – | – | – | – | – | – | – | – | |
| NEW YORK (including BROOKLYN) | 3,438,899 | February 26 | 1520 | 1155 | 17·5 | – | 17 | 24 | 40 | 11 | 4 | |
| PHILADELPHIA - | 1,240,266 | „ 26 | – | 468 | 19·7 | – | 19 | 1 | 20 | 3 | 21 | |

* Including deaths from croup.
† Including 1 death from cholera in Calcutta and 4 in Bombay.
‡ Including 1082 deaths from bubonic fever.
§ Including 1 death from malarial fever

[Under the Superintendence of the Astronomer Royal.]

| 1898. Month and Day. | Phases of the Moon. | Barometer. Mean daily reading (corrected and reduced to 32° Fahrenheit). | Temperature. Of the Air. Highest. | Temperature. Of the Air. Lowest. | Temperature. Of the Air. Daily Range. | Temperature. Of the Air. Mean daily value. | Temperature. Of the Air. Departure from Average of 50 years. | Temperature. Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Difference. Greatest. | Difference. Least. | Degree of Humidity (Saturation equals 100). | Temperature. Of Radiation. Highest in Sun's Rays. | Temperature. Of Radiation. Lowest on the Grass. | Temperature. Of the Earth 3 feet below the Surface. | Wind as deduced from Anemometers. Osler's. General Direction. A.M. | Osler's. General Direction. P.M. | Osler's. Pressure on the Square Foot. Greatest. | Osler's. Pressure. Least. | Osler's. Pressure. Mean of 24 hourly obs. | Robinson's. Horizontal Movement of the Air on each Day. | Robinson's. Departure from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| March | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| Sunday - 13 | .. | 29·886 | 43·8 | 27·2 | 16·6 | 36·6 | − 4·3 | 32·2 | 4·4 | 8·6 | 1·1 | 84 | 50·3 | 22·4 | 41·53 | N. & WSW. | SSW. & WSW. | 0·5 | 0·0 | 0·0 | 131 | −191 | 0·00 | 1·0 |
| Monday - 14 | Perigee | 29·802 | 47·3 | 35·5 | 11·8 | 42·4 | + 1·2 | 38·2 | 4·2 | 8·8 | 2·0 | 85 | 64·8 | 27·1 | 41·40 | WSW. & SW. | Variable & N. | 2·1 | 0·0 | 0·1 | 225 | − 94 | 0·03 | 3·0 |
| Tuesday - 15 | Greatest Dec. S. | 29·820 | 53·1 | 30·6 | 22·5 | 42·6 | + 1·2 | 32·0 | 10·6 | 20·2 | 3·1 | 66 | 95·3 | 22·2 | 41·45 | NNW., W. & WSW. | WSW. & SW. | 3·2 | 0·0 | 0·3 | 287 | − 30 | 0·01 | 0·2 |
| Wednesday 16 | Last Qr. | 29·833 | 55·0 | 44·7 | 8·3 | 43·3 | + 6·8 | 40·6 | 7·7 | 12·2 | 1·7 | 75 | 65·4 | 37·0 | 41·52 | WSW. & W. | WNW. NW. & SW. | 2·5 | 0·0 | 0·1 | 278 | − 37 | 0·00 | 0·8 |
| Thursday - 17 | .. | 29·840 | 55·2 | 44·0 | 11·2 | 49·3 | + 7·7 | 43·1 | 6·2 | 11·4 | 3·1 | 79 | 75·5 | 37·5 | 41·97 | SW. & WSW. | W. & WSW. | 5·7 | 0·0 | 0·7 | 433 | +120 | 0·00 | 1·2 |
| Friday - 18 | .. | 29·739 | 60·0 | 48·4 | 11·6 | 53·1 | +11·5 | 46·1 | 7·0 | 13·1 | 2·1 | 77 | 103·3 | 44·9 | 42·47 | W. | W., WSW. & SW. | 12·0 | 0·0 | 1·1 | 558 | +246 | 0·00 | 2·5 |
| Saturday - 19 | .. | 29·733 | 55·6 | 39·6 | 16·0 | 47·9 | + 6·4 | 42·0 | 5·9 | 10·6 | 0·4 | 80 | 70·9 | 38·6 | 43·17 | WSW. | W., NE. & ENE. | 4·7 | 0·0 | 0·7 | 451 | +140 | 0·21 | 5·3 |
| Means - - | | 29·815 | 52·6 | 38·6 | 14·0 | 45·7 | + 4·4 | 39·2 | 6·6 | 12·1 | 1·9 | 78 | 75·1 | 32·8 | 41·93 | WSW. | | .. | .. | .. | Sum 2363 | Sum +154 | Sum 0·25 | 2·0 |
| No. of Column - | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| Date. March | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | General Remarks. |
|---|---|---|---|---|
| Sunday - 13 | v. P. till 11h. A.M.; Loss of register till 10h. P.M.; v. P. afterwards. | 0·0 | 11·6 | Cloudy with hoar frost in morning; generally overcast afterwards. Slight fog prevalent till afternoon; very gloomy in forenoon. |
| Monday - 14 | w. P. till 7h. A.M.; v. P. and v. N. till 2h. P.M.; v.P. afterwards. | 0·1 | 11·7 | Generally overcast: frequent slight rain in forenoon. Gloomy in afternoon. |
| Tuesday - 15 | m. P. generally till 2h. P.M.; s. P. afterwards. | 8·4 | 11·8 | Very fine till 5h. P.M.; generally overcast with frequent slight showers afterwards. Hoar frost and slight fog in morning. Solar Halo in afternoon. |
| Wednesday 16 | m. P. till 3h. A.M.; w. P. generally afterwards. | 0·3 | 11·8 | Generally overcast till afternoon; fine with variable amounts of cloud and slight fog afterwards. Occasional small rain in early morning. Gloom in afternoon. |
| Thursday - 17 | w. P. generally - | 0·2 | 11·9 | Generally overcast. |
| Friday - 18 | w. P. throughout - | 4·3 | 12·0 | Overcast in morning; fine with variable amounts of cloud till evening; generally overcast afterwards. Brisk wind. |
| Saturday - 19 | w. P. till 4h. P.M.; m. P. till 8h. P.M.; v. P. and v. N. afterwards. | 0·0 | 12·0 | Generally overcast. Continuous rain after 4h. P.M. Intense gloom in afternoon. |
| | | Sum 13·3 | Sum 82·8 | |
| No. of Col. - - | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer increased from 29·89 in. at the beginning of the week to 29·94 in. by 5h. A.M. on the 13th; decreased to 29·78 in. by noon on the 14th; increased to 29·89 in. by midnight on the 14th; decreased to 29·74 in. by 3h. A.M. on the 16th; increased to 29·90 in. by 1h. A.M. on the 17th; decreased to 29·71 in. by 3h. P.M. on the 19th; and increased to 29·85 in. by the end of the week.

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1898.

OFFICIAL COPY.

# WEEKLY RETURN
OF
# BIRTHS AND DEATHS IN LONDON
AND IN
# THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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No. 12. 1898. Vol. LIX.] Week ending Saturday, March 26. [Price 1½*d*.

*General Register Office, Somerset House,*
*March 28th*, 1898.

## Thirty-three Great Towns.

The deaths registered last week in Thirty-three Great Towns of England and Wales corresponded to an annual rate of 20·2 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| Towns. | Weeks ending Mar. 5. | Mar. 12. | Mar. 19. | Mar. 26. | Towns. | Weeks ending Mar. 5. | Mar. 12. | Mar. 19. | Mar. 26. |
|---|---|---|---|---|---|---|---|---|---|
| **33 Great Towns** | **20·7** | **21·1** | **21·8** | **20·2** | Leicester - - | 21·7 | 17·0 | 19·0 | 17·2 |
| Birkenhead - | 16·6 | 15·7 | 19·8 | 16·6 | Liverpool - - | 22·9 | 25·1 | 25·7 | 23·0 |
| Birmingham - | 24·0 | 21·6 | 23·8 | 19·2 | London - - - | 20·9 | 21·5 | 21·6 | 20·0 |
| Blackburn - | 15·7 | 20·4 | 18·0 | 14·5 | Manchester - - | 22·6 | 22·9 | 24·6 | 18·9 |
| Bolton - - | 17·0 | 22·1 | 22·6 | 19·2 | Newcastle-on-Tyne | 17·5 | 21·5 | 19·2 | 19·9 |
| Bradford - | 16·5 | 20·1 | 23·4 | 25·4 | Norwich - - | 18·7 | 14·5 | 25·7 | 15·9 |
| Brighton - | 23·4 | 20·0 | 20·5 | 24·7 | Nottingham - - | 23·2 | 24·3 | 22·7 | 21·4 |
| Bristol - | 25·0 | 23·5 | 23·5 | 23·9 | Oldham - - | 17·6 | 22·2 | 30·9 | 25·0 |
| Burnley - | 18·1 | 13·8 | 15·2 | 15·2 | Plymouth - - | 23·1 | 14·7 | 16·3 | 24·2 |
| Cardiff - - | 21·4 | 18·5 | 23·5 | 21·1 | Portsmouth - - | 17·6 | 18·2 | 15·6 | 17·6 |
| Croydon - | 19·7 | 18·4 | 13·8 | 15·5 | Preston - - | 13·0 | 17·9 | 19·7 | 25·1 |
| Derby - - | 18·4 | 17·9 | 23·9 | 12·9 | Salford - - - | 20·1 | 19·8 | 21·3 | 20·5 |
| Gateshead - | 26·1 | 26·1 | 15·6 | 19·1 | Sheffield - - | 20·2 | 20·9 | 22·8 | 20·9 |
| Halifax - | 19·4 | 17·2 | 22·1 | 20·5 | Sunderland - - | 23·9 | 24·6 | 20·7 | 22·5 |
| Huddersfield- | 17·3 | 20·4 | 17·3 | 17·3 | Swansea - - | 23·5 | 29·1 | 27·1 | 31·2 |
| Hull - - | 18·8 | 22·2 | 25·6 | 20·6 | West Ham - - | 15·3 | 17·5 | 17·8 | 18·2 |
| Leeds - - | 19·6 | 18·3 | 18·8 | 18·3 | Wolverhampton - | 22·5 | 16·0 | 22·5 | 16·6 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·0 in Sheffield, 1·1 in Bradford, 1·7 in London and in Brighton, 2·0 in Swansea, 2·2 in Halifax, 2·8 in Oldham, 3·8 in Bristol, and 4·0 in Leicester; from *whooping-cough*, 1·0 in Leeds, 1·1 in Oldham and in Hull, and 1·5 in Gateshead; from "*fever*," 1·1 in Oldham; and from *diarrhœa*, 1·2 in Blackburn. In no case did the death-rate from *scarlet fever* reach 1·0 per 1000 in any of the thirty-three towns. The 82 deaths from *diphtheria* included 53 in London, 5 in Cardiff, 5 in West Ham, and 3 in Birkenhead. One death from *small-pox* was registered in Leeds, and 1 in Sunderland, but not one in any other of the thirty-three towns.

In the registration district of Middlesbrough 16 deaths from small-pox were registered last week, making a total of 146 deaths from this disease since the beginning of the year.

## London.

In London† 2218 births and 1731 deaths were registered. Allowing for increase of population, the births were 497, and the deaths 56, below the average numbers in the corresponding weeks of the last ten years. The

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

annual death-rate per 1000 from all causes, which had been 20·9, 21·5, and 21·6 in the preceding three weeks, fell again last week to 20·0. During the four weeks ending on Saturday last the death-rate averaged 21·0 per 1000, being 1·1 per 1000 below the mean rate in the corresponding periods of the ten years 1888–97.

The 1731 deaths included 143 from measles, 15 from scarlet fever, 53 from diphtheria, 59 from whooping-cough, 1 from typhus, 1 from enteric fever, 9 from diarrhœa and dysentery, and not one death from small-pox, from any ill-defined form of continued fever, or from cholera; thus, 281 deaths were referred to these diseases, being 85 above the corrected average weekly number.

The deaths from *measles*, which had been 115, 141, and 134 in the preceding three weeks, rose again last week to 143, and were 88 above the corrected average; 17 cases belonged to Islington, 15 to Hammersmith, 14 to Kensington, 8 to Paddington, 7 to Chelsea, 7 to Bethnal Green, 7 to Greenwich, 6 to St. Marylebone, 6 to Battersea, 5 to Westminster, 5 to St. Giles, 5 to Shoreditch, 5 to Poplar, and 5 to Wandsworth sanitary areas. The deaths from *scarlet fever*, which had been 8, 8, and 10 in the preceding three weeks, further rose last week to 15, which is also the corrected average; 2 cases belonged to Paddington, 2 to St. Pancras, 2 to Battersea, and 2 to Plumstead sanitary areas. The deaths from *diphtheria*, which had been 38, 33, and 36 in the preceding three weeks, further rose last week to 53, and were 17 above the corrected average; 7 cases belonged to Hackney, 5 to St. Pancras, 5 to Battersea, and 4 to Bethnal Green sanitary areas. The deaths from *whooping-cough*, which had been 49, 59, and 56 in the preceding three weeks, rose again last week to 59, but were 9 below the corrected average. The death of a man, aged 20 years, which occurred in Kensington Infirmary, was certified as due to "typhus." The fatal cases of *enteric fever*, which had been 11, 7, and 10 in the preceding three weeks, fell again last week to 1, the corrected average being 7. The deaths from *diarrhœa*, which had been 11, 9, and 11 in the preceding three weeks, fell again last week to 9, and were 4 below the corrected average. The deaths referred to diseases of the respiratory organs, which had been 425, 429, and 430 in the preceding three weeks, fell again last week to 402, and were 54 below the corrected average. The deaths attributed directly to *influenza* numbered 34, having been 51, 44, and 64 in the preceding three weeks.

Different forms of violence caused 84 deaths, concerning all of which inquests were held. Of these 84 deaths, 8 were cases of suicide, while the remaining 76 were attributed to accident or negligence. Seven of these was referred to vehicles in the streets, 8 to burns and scalds, 12 to drowning, and 19 (of infants under one year of age), to suffocation in bed.

## Cases of Infectious Sickness in Hospitals.*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 1 case of small-pox, 2371 cases of scarlet fever, 1022 of diphtheria, 5 of typhus, and 72 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 191 cases, against 175, 197, and 255; of diphtheria, 133 cases, against 128, 122, and 143; and of enteric fever, 10 cases, against 13, 15, and 14.

## Greater London.

In Greater London 3089 births and 2262 deaths were registered, corresponding to annual rates of 25·1 and 18·4 per 1000 of the estimated population. In the Outer Ring 44 deaths from measles, 3 from scarlet fever, 16 from diphtheria, 14 from whooping-cough, 4 from "fever," and 1 from diarrhœa were registered. Fourteen deaths from measles, 7 from diphtheria, and 7 from whooping-cough occurred in West Ham district; and 11 deaths from measles occurred in Brentford district.

## Meteorology.

The mean reading of the Barometer last week at Greenwich was 29·73 inches, and that of the Thermometer 37°·5, the latter being 4°·4 below the week's average in the 50 years 1841–90. The direction of the wind was variable, the horizontal movement of the air being 40 per cent. above the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 16·5 hours; the measured rainfall amounted to 0·56 of an inch.

* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found, after sojourn in the Hospital to have been erroneous.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Births (the week ending 26th March 1898) | Deaths (the week ending 26th March 1898) | Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6–12. | Highest. Fahrenheit. | Lowest. Fahrenheit. | Mean. Fahrenheit. | Mean. Centigrade. | In Inches. | In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| 33 Towns - | **11,218,378** | **5974** | **4342** | **979** | **1062** | **2** | **242** | **42** | **82** | **123** | **29** | **30** | **158** | **334** | **917** | **51** | **20·2** | **2·6** | **55·0** | **24·0** | **37·3** | **3·22** | **0·36** | **0·91** | 33 Towns. |
| London - - | 4,504,766 | 2218 | 1731 | 331 | 428 | - | 143 | 15 | 53 | 59 | 2 | 9 | 84 | 160 | 542 | 4 | 20·0 | 3·3 | 52·1 | 28·0 | 37·5 | 3·06 | 0·56 | 1·42 | London. |
| West Ham - - | 286,654 | 142 | 100 | 28 | 23 | - | 1 | 2 | 5 | 4 | 1 | - | 4 | 6 | 6 | 5 | 18·2 | 2·4 | - | - | - | - | - | - | West Ham. |
| Croydon - - | 124,421 | 54 | 37 | 8 | 15 | - | - | 1 | - | - | - | - | - | 2 | 9 | - | 15·5 | 0·4 | 50·6 | 24·0 | 36·6 | 2·56 | 0·56 | 1·42 | Croydon. |
| Brighton - - | 122,310 | 45 | 58 | 11 | 17 | - | 4 | 2 | - | 1 | - | - | 3 | 8 | 14 | - | 24·7 | 3·0 | 51·8 | 30·0 | 39·2 | 4·00 | 0·36 | 0·91 | Brighton. |
| Portsmouth - | 186,618 | 99 | 63 | 18 | 19 | - | - | - | - | 2 | - | - | 1 | 2 | 9 | 1 | 17·6 | 0·6 | 53·0 | 29·5 | 38·8 | 3·78 | 0·30 | 0·76 | Portsmouth. |
| Plymouth - - | 99,136 | 60 | 46 | 9 | 18 | - | - | - | - | - | - | - | 1 | 6 | 9 | 1 | 24·2 | - | - | - | - | - | - | - | Plymouth. |
| Bristol - - | 316,900 | 158 | 145 | 33 | 42 | - | 23 | - | 1 | 2 | 1 | 2 | 5 | 11 | 24 | - | 23·9 | 4·8 | 55·0 | 27·0 | 38·1 | 3·39 | 0·41 | 1·04 | Bristol. |
| Cardiff - - | 177,770 | 107 | 72 | 14 | 16 | - | 1 | - | 5 | 1 | 1 | - | 6 | 9 | 8 | - | 21·1 | 2·3 | - | - | - | - | - | - | Cardiff. |
| Swansea - - | 102,001 | 57 | 61 | 15 | 14 | - | 4 | - | - | - | - | - | 2 | 5 | 3 | 1 | 31·2 | 2·0 | - | - | - | - | - | - | Swansea. |
| Wolverhampton | 88,051 | 66 | 28 | 6 | 3 | - | - | 1 | 1 | - | 1 | - | 1 | 2 | 2 | - | 16·6 | 1·8 | 50·8 | 26·1 | 36·8 | 2·67 | 0·17 | 0·43 | Wolverhampton. |
| Birmingham - | 510,343 | 314 | 188 | 53 | 40 | - | 7 | 3 | 2 | 9 | 3 | 2 | 5 | 9 | 38 | 3 | 19·2 | 2·7 | - | - | - | - | - | - | Birmingham. |
| Norwich - - | 111,699 | 64 | 34 | 11 | 13 | - | - | - | - | - | - | - | 1 | 3 | 2 | - | 15·9 | - | 53·2 | 28·2 | 37·2 | 2·89 | 0·84 | 2·13 | Norwich. |
| Leicester - - | 208,662 | 118 | 69 | 19 | 13 | - | 16 | - | - | - | - | - | 2 | 4 | 3 | 2 | 17·2 | 4·0 | - | - | - | - | - | - | Leicester. |
| Nottingham - | 236,137 | 131 | 97 | 19 | 25 | - | 1 | 2 | - | 2 | 1 | - | 5 | 9 | 15 | 3 | 21·4 | 1·3 | 51·9 | 27·1 | 37·6 | 3·11 | 0·20 | 0·51 | Nottingham. |
| Derby - · - | 104,834 | 49 | 26 | 9 | 4 | - | - | - | - | - | - | - | 1 | 2 | 4 | - | 12·9 | - | - | - | - | - | - | - | Derby. |
| Birkenhead - | 113,189 | 50 | 36 | 5 | 11 | - | - | 2 | 3 | - | - | - | - | 2 | 4 | - | 16·6 | 2·3 | - | - | - | - | - | - | Birkenhead. |
| Liverpool - - | 633,645 | 396 | 279 | 64 | 71 | - | 4 | 1 | - | 5 | 2 | 4 | 9 | 16 | 59 | 10 | 23·0 | 1·3 | 48·8 | 30·7 | 38·3 | 3·50 | 0·07 | 0·18 | Liverpool. |
| Bolton - - | 122,495 | 76 | 45 | 15 | 9 | - | - | - | - | 1 | 1 | - | 1 | 2 | 2 | - | 19·2 | 0·9 | - | - | - | - | - | - | Bolton. |
| Manchester - | 539,079 | 323 | 195 | 43 | 33 | - | 4 | 1 | 2 | 3 | 3 | 3 | 4 | 8 | 49 | 2 | 18·9 | 1·5 | - | - | - | - | - | - | Manchester. |
| Salford - - | 215,702 | 130 | 85 | 25 | 13 | - | 2 | 1 | - | 2 | 1 | - | 4 | 8 | 11 | 2 | 20·5 | 1·5 | - | - | - | - | - | - | Salford. |
| Oldham - - | 148,288 | 75 | 71 | 22 | 9 | - | 8 | 1 | - | 3 | 3 | - | 2 | 3 | 11 | - | 25·0 | 5·3 | - | - | - | - | - | - | Oldham. |
| Burnley - - | 109,546 | 51 | 32 | 6 | 9 | - | - | - | 1 | 1 | 1 | 1 | 1 | 2 | 5 | - | 15·2 | 1·9 | - | - | - | - | - | - | Burnley. |
| Blackburn - - | 133,228 | 82 | 37 | 15 | 8 | - | - | - | - | - | - | 3 | - | - | 2 | 1 | 14·5 | 1·2 | - | - | - | - | - | - | Blackburn. |
| Preston - - | 116,356 | 73 | 56 | 13 | 16 | - | - | - | - | - | | - | 1 | 1 | 5 | 3 | 25·1 | 0·4 | - | - | - | - | - | - | Preston. |
| Huddersfield - | 102,454 | 36 | 34 | 7 | 13 | - | - | - | - | - | - | 1 | 2 | 2 | 3 | 2 | 17·3 | 0·5 | 49·4 | 28·7 | 36·9 | 2·72 | 0·25 | 0·63 | Huddersfield. |
| Halifax - - | 96,729 | 45 | 38 | 9 | 9 | - | 4 | - | 1 | - | 1 | - | - | 1 | 3 | 3 | 20·5 | 3·2 | - | - | - | - | - | - | Halifax. |
| Bradford - - | 233,737 | 118 | 114 | 23 | 36 | - | 5 | - | 1 | 4 | 2 | 2 | 1 | 6 | 12 | 3 | 25·4 | 3·1 | 52·4 | 31·6 | 39·8 | 4·33 | 0·21 | 0·53 | Bradford. |
| Leeds - - - | 416,618 | 216 | 146 | 27 | 35 | 1 | 3 | 7 | 2 | 8 | 1 | - | 3 | 15 | 15 | - | 18·3 | 2·8 | - | - | - | - | - | - | Leeds. |
| Sheffield - - | 356,478 | 204 | 143 | 33 | 31 | - | 7 | 2 | 1 | 6 | 2 | 2 | 2 | 5 | 13 | 4 | 20·9 | 2·9 | - | - | - | - | - | - | Sheffield. |
| Hull - - - | 229,887 | 149 | 91 | 28 | 27 | - | 1 | 1 | 1 | 5 | - | - | 3 | 9 | 9 | 1 | 20·6 | 1·8 | 54·0 | 27·0 | 37·2 | 2·89 | 0·36 | 0·91 | Hull. |
| Sunderland - | 143,849 | 89 | 62 | 21 | 10 | 1 | 1 | - | 1 | 1 | 1 | 1 | - | 3 | 7 | - | 22·5 | 2·2 | - | - | - | - | - | - | Sunderland. |
| Gateshead - - | 103,775 | 56 | 38 | 15 | 7 | - | 1 | - | - | 3 | - | - | 1 | 2 | - | - | 19·1 | 2·0 | - | - | - | - | - | - | Gateshead. |
| Newcastle - | 223,021 | 123 | 85 | 24 | 25 | - | 2 | - | 2 | 1 | - | - | 3 | 11 | 19 | - | 19·9 | 1·2 | - | - | - | - | - | - | Newcastle. |

* See note * on first page of this return

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the TWELFTH Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2522 | 2670 | 2534 | 2575 | 2437 | 2729 | 2496 | 2650 | 2483 | 2707 | 2715·2 | 2218 |
| Males - - | 1284 | 1404 | 1283 | 1335 | 1269 | 1373 | 1289 | 1340 | 1258 | 1393 | 1391·9 | 1123 |
| Females - | 1238 | 1266 | 1251 | 1240 | 1168 | 1356 | 1207 | 1310 | 1225 | 1314 | 1323·3 | 1095 |
| TOTAL **Deaths** - | 1655 | 1554 | 1637 | 1667 | 1744 | 1708 | 1689 | 2190 | 1603 | 1534 | 1786·9 | 1731 |
| Males - - | 835 | 762 | 850 | 879 | 930 | 877 | 849 | 1099 | 825 | 802 | 916·3 | 873 |
| Females - - | 820 | 792 | 787 | 788 | 814 | 831 | 840 | 1091 | 778 | 732 | 870·6 | 858 |

* The numbers in this column are the average weekly numbers in the twelfth week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | Jan. 1. | Jan. 8. | Jan. 15. | Jan. 22. | Jan. 29. | Feb. 5. | Feb. 12. | Feb. 19. | Feb. 26. | Mar. 5. | Mar. 12. | Mar 19. | Mar. 26. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** - - - | 2363 | 3001 | 2703 | 2631 | 2639 | 2603 | 2843 | 2527 | 2644 | 2585 | 2736 | 2576 | 2218 |
| TOTAL **Deaths** - - - | 2360 | 1990 | 1982 | 2021 | 1764 | 1861 | 1922 | 1856 | 1889 | 1805 | 1854 | 1869 | 1731 |
| Ages at Death: Under 1 year - - | 443 | 345 | 373 | 404 | 358 | 385 | 366 | 392 | 398 | 383 | 381 | 367 | 331 |
| 1—5 years - - | 456 | 361 | 353 | 367 | 306 | 298 | 318 | 318 | 324 | 303 | 340 | 311 | 358 |
| 5—20 " - - | 111 | 90 | 85 | 76 | 72 | 92 | 93 | 75 | 100 | 98 | 97 | 83 | 98 |
| 20—40 " - - | 267 | 231 | 225 | 203 | 206 | 204 | 230 | 221 | 226 | 218 | 202 | 206 | 202 |
| 40—60 " - - | 436 | 389 | 385 | 366 | 341 | 335 | 342 | 334 | 363 | 334 | 340 | 360 | 314 |
| 60—80 " - - | 544 | 472 | 470 | 490 | 372 | 438 | 467 | 423 | 391 | 379 | 383 | 425 | 344 |
| 80 years and upwards | 103 | 102 | 91 | 115 | 109 | 109 | 106 | 93 | 87 | 90 | 111 | 117 | 84 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox - - - - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Measles - - - - - | 166 | 130 | 134 | 130 | 79 | 80 | 87 | 100 | 106 | 115 | 141 | 134 | 143 |
| Scarlet Fever - - - - | 11 | 19 | 15 | 17 | 17 | 12 | 19 | 9 | 11 | 8 | 8 | 10 | 15 |
| Diphtheria - - - - | 53 | 50 | 44 | 33 | 36 | 42 | 45 | 33 | 46 | 38 | 33 | 36 | 53 |
| Whooping-cough - - - | 76 | 65 | 76 | 69 | 84 | 64 | 67 | 53 | 52 | 49 | 59 | 56 | 59 |
| Typhus - - - - - | - | - | - | - | - | - | - | - | - | - | - | - | 1 |
| Enteric Fever - - - | 14 | 10 | 9 | 8 | 9 | 8 | 6 | 8 | 9 | 11 | 7 | 10 | 1 |
| Simple Continued Fever - | - | - | - | - | 1 | 1 | - | - | - | - | - | - | - |
| Diarrhœa and Dysentery ... | 13 | 10 | 10 | 7 | 10 | 17 | 12 | 8 | 8 | 11 | 9 | 11 | 9 |
| Cholera - - - - - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| All the above Diseases - | 333 | 284 | 288 | 264 | 236 | 224 | 236 | 211 | 232 | 232 | 257 | 257 | 281 |
| Dis. of Respiratory System - | 700 | 533 | 516 | 567 | 471 | 471 | 468 | 438 | 476 | 425 | 429 | 430 | 402 |
| Phthisis - - - - - | 201 | 180 | 212 | 170 | 159 | 163 | 192 | 180 | 179 | 172 | 192 | 184 | 143 |
| Dis. of Circulatory System - | 167 | 186 | 161 | 153 | 135 | 126 | 164 | 141 | 161 | 153 | 141 | 136 | 137 |
| Violence - - - - | 117 | 79 | 77 | 87 | 52 | 78 | 61 | 77 | 74 | 53 | 68 | 59 | 84 |
| Inquest Cases - - - - | 251 | 205 | 173 | 167 | 130 | 153 | 159 | 169 | 174 | 142 | 176 | 157 | 160 |
| Deaths in Public Institutions - | 603 | 533 | 533 | 523 | 478 | 538 | 532 | 551 | 515 | 477 | 471 | 543 | 542 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean - - - - - | 45°·1 | 43°·4 | 41°·8 | 45°·1 | 42°·4 | 44°·0 | 43°·0 | 42°·7 | 37°·6 | 38°·9 | 37°·7 | 45°·7 | 37°·5 |
| Mean of Highest readings - | 48·7 | 48·9 | 44·6 | 48·1 | 45·2 | 49·4 | 48·3 | 47·6 | 44·8 | 46·2 | 43·9 | 52·6 | 44·8 |
| Mean of Lowest readings - | 40·7 | 37·1 | 37·6 | 40·9 | 39·8 | 39·6 | 37·8 | 38·3 | 31·4 | 33·5 | 32·3 | 38·6 | 31·5 |
| Humidity of the Air - - | 87 | 89 | 85 | 91 | 80 | 79 | 81 | 80 | 76 | 81 | 76 | 78 | 84 |
| Rain-fall (in inches) - - | 0·66 | 0·49 | 0·00 | 0·12 | 0·00 | 0·28 | 0·20 | 0·35 | 0·21 | 0·59 | 0·01 | 0·25 | 0·56 |
| Registered Sunshine (in hours) | 5·0 | 11·1 | 3·5 | 3·4 | 2·2 | 10·2 | 7·0 | 9·4 | 25·8 | 15·1 | 18·0 | 13·3 | 16·5 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox - - - - - | - | - | - | - | - | - | - | - | - | 1 | 1 | 1 | 1 |
| Scarlet Fever - - - - | 3572 | 3450 | 3253 | 3149 | 3061 | 2964 | 2871 | 2781 | 2674 | 2534 | 2445 | 2419 | 2371 |
| Diphtheria - - - - | 1070 | 1062 | 1023 | 1045 | 1062 | 1044 | 1042 | 1058 | 1061 | 1047 | 1027 | 1024 | 1022 |
| Enteric Fever - - - - | 116 | 111 | 110 | 109 | 106 | 96 | 93 | 87 | 84 | 82 | 84 | 79 | 72 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton: A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Boobbyer Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S. Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.

E 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWELFTH Week of the Year 1898.

| OF DEATH. | Corrected Averages for the 12th Week of the 10 years 1888-97*. | In the Week ending Saturday, 26th March 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| S - - - | 1786·9 | 1731 | 331 | 358 | 98 | 202 | 314 | 344 | 84 |
| Vaccinated† - | - | - | - | - | - | - | - | - | - |
| Unvaccinated | 0·5 | - | - | - | - | - | - | - | - |
| No Statement | 0·1 | - | - | - | - | - | - | - | - |
| - - - - | 55·4 | 143 | 32 | 107 | 4 | - | - | - | - |
| ver - - - | 14·7 | 15 | - | 7 | 6 | 2 | - | - | - |
| - - - - | 0·1 | 1 | - | - | - | 1 | - | - | - |
| Fever - - | 0·1 | - | - | - | - | - | - | - | - |
| - - - - | 38·2 | 34 | 1 | 1 | 2 | 6 | 11 | 12 | 1 |
| -cough - - | 68·3 | 59 | 20 | 37 | 2 | - | - | - | - |
| a - - | 36·0 | 53 | 5 | 36 | 12 | - | - | - | - |
| ontinued and ed Fever - | - | - | - | - | - | - | - | - | - |
| ever - - - | 7·3 | 1 | - | - | - | 1 | - | - | - |
| nd Chol. Diarr. | 0·1 | - | - | - | - | - | - | - | - |
| Dysentery - | 13·2 | 9 | 5 | 1 | - | - | - | 2 | 1 |
| Fever - - | - | - | - | - | - | - | - | - | - |
| bia - - - | - | - | - | - | - | - | - | - | - |
| - - - - | - | - | - | - | - | - | - | - | - |
| and Effects of ion - - | 0·1 | 2 | 2 | - | - | - | - | - | - |
| Affections - - | 8·1 | 6 | 2 | - | - | 1 | - | 3 | - |
| a - - - | 3·7 | 3 | 1 | - | - | - | - | 2 | - |
| nd Septicæmia | 2·2 | 1 | - | - | - | - | 1 | - | - |
| Fever - - | 3·3 | 4 | - | - | - | 4 | - | - | - |
| notic Diseases | 1·5 | 1 | - | 1 | - | - | - | - | - |
| - - - - | 0·8 | 1 | 1 | - | - | - | - | - | - |
| d other Para- iseases - | 0·3 | - | - | - | - | - | - | - | - |
| n, Want of milk - - | 1·7 | - | - | - | - | - | - | - | - |
| n - - - | 7·8 | 10 | - | - | - | 5 | 4 | 1 | - |
| c Fever, atism of Heart | 6·9 | 6 | - | - | 5 | - | 1 | - | - |
| sm - - - | 2·4 | 4 | - | - | - | 1 | 1 | 2 | - |
| - - - - | 4·3 | 4 | - | - | - | - | 1 | 3 | - |
| - - - - | 6·7 | 6 | 1 | 5 | - | - | - | - | - |
| - - - - | 64·3 | 72 | - | 1 | - | 8 | 28 | 33 | 2 |
| senterica - - | 19·8 | 12 | 4 | 5 | 3 | - | - | - | - |
| r Meningitis - | 24·9 | 22 | 6 | 11 | 5 | - | - | - | - |
| - - - - | 169·6 | 143 | - | 10 | 15 | 63 | 40 | 14 | 1 |
| Tuberculosis - | 22·5 | 13 | 3 | 2 | 4 | 2 | 2 | - | - |
| Constitutional s - - | 13·2 | 10 | - | 1 | - | 1 | 3 | 5 | - |
| e Birth - - | 43·8 | 43 | 43 | - | - | - | - | - | - |
| s - - - | 2·5 | 4 | 4 | - | - | - | - | - | - |
| al Malforma- - - - | 8·5 | 9 | 9 | - | - | - | - | - | - |
| - - - - | 59·7 | 50 | - | - | - | - | - | 24 | 26 |
| - - - - | 42·8 | 40 | - | - | - | - | 21 | 14 | 5 |
| - - - - | 8·3 | 4 | - | - | - | 3 | - | 1 | - |
| ons - - - | 43·9 | 31 | 21 | 9 | - | 1 | - | - | - |
| seases of Brain rvous System | 96·2 | 107 | 16 | 5 | 8 | 16 | 20 | 37 | 5 |
| of Organs of Sense † | 2·4 | 7 | 2 | 3 | 1 | 1 | - | - | - |

| CAUSES OF DEATH | Corrected Averages for the 12th Week of the 10 years 1888-97*. | In the Week ending Saturday, 26th March 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 147·3 | 137 | 2 | - | 9 | 20 | 50 | 46 | 10 |
| Croup - - - - | 7·5 | 2 | - | 2 | - | - | - | - | - |
| Bronchitis - - - | 257·4 | 212 | 46 | 24 | 2 | 7 | 35 | 84 | 14 |
| Pneumonia - - - | 153·1 | 147 | 26 | 55 | 4 | 16 | 21 | 22 | 3 |
| Pleurisy - - - - | 5·3 | 2 | - | - | - | 1 | 1 | - | - |
| Other Diseases of Respiratory System - | 33·0 | 39 | 3 | 9 | - | 3 | 13 | 8 | 3 |
| Dentition - - - - | 13·6 | 10 | 4 | 6 | - | - | - | - | - |
| Quinsy, Sore Throat - | 2·0 | - | - | - | - | - | - | - | - |
| Enteritis - - - - | 10·9 | 13 | 7 | 3 | - | - | 2 | 1 | - |
| Peritonitis - - - | 6·5 | 5 | - | - | - | 3 | 2 | - | - |
| Diseases of Liver - - | 27·3 | 25 | 1 | - | - | 4 | 13 | 6 | 1 |
| Other Diseases of Digestive System | 31·9 | 22 | 7 | 1 | 1 | 2 | 4 | 5 | 2 |
| Diseases of Lymphatic System & of Ductless Glands - - - | 1·7 | 2 | - | 1 | - | 1 | - | - | - |
| Diseases of Urinary System - - - | 46·1 | 47 | 1 | - | - | 8 | 19 | 13 | 6 |
| Diseases of Generative System - - - | 6·6 | 5 | - | - | - | 3 | 1 | 1 | - |
| Accidents of Childbirth - | 4·9 | 4 | - | - | 1 | 2 | 1 | - | - |
| Diseases of Locomotive System - - - | 6·5 | 1 | - | 1 | - | - | - | - | - |
| Diseases of Integumentary System - - | 6·1 | 7 | 2 | 1 | 1 | 1 | - | 1 | 1 |
| VIOLENT DEATHS‡ (ACCIDENT.) | | | | | | | | | |
| By Railways - - - | 52·1 | 2 | - | - | - | 1 | 1 | - | - |
| By Vehicles or Horses - | | 7 | - | 1 | 3 | 2 | - | - | 1 |
| In Ships, Boats, Docks, (exclusive of Drowning) - - - | | - | - | - | - | - | - | - | - |
| In Building Operations - | | 1 | - | - | - | 1 | - | - | - |
| In Conflagrations - - | | - | - | - | - | - | - | - | - |
| By Burns, Scalds, Explosions - - | | 8 | - | 4 | 2 | 1 | 1 | - | - |
| By Drowning - - - | | 12 | 1 | 1 | 2 | 3 | 4 | 1 | - |
| By Suffocation in Bed - | | 19 | 19 | - | - | - | - | - | - |
| By Poisons or Poisonous Vapours - - | | 3 | 1 | 1 | - | 1 | - | - | - |
| Other or not stated causes - - - - | | 24 | 4 | 1 | 6 | 1 | 7 | 3 | 2 |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - | 1·1 | - | - | - | - | - | - | - | - |
| Suicide - - - - | 8·7 | 8 | - | - | - | 4 | 4 | - | - |
| Execution - - - | - | - | - | - | - | - | - | - | - |
| OTHER CAUSES - - | 51·1 | 37 | 29 | 5 | - | 1 | 2 | - | - |

umbers in this column are the average weekly deaths for the ten years 1888-97, raised by 5·230 per cent. for increase tion.

those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the death is not certified by a registered practitioner, the case is returned under the heading "no statement."

vidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of murder manslaughter or suicide. All such cases are classed under "accident."

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, M SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered SUB-DISTRICT during the Week ending Saturday, 26th March, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2218 | 1731 | 331 | 428 | - | 143 | 15 | 53 | 59 | 1 | 1 | - | 9 | 84 | 180 |
| WEST DISTRICTS - - - | 778,251 | 322 | 324 | 66 | 75 | - | 51 | 3 | 6 | 7 | 1 | - | - | 3 | 16 | 29 |
| NORTH DISTRICTS - - - | 1,040,694 | 493 | 354 | 81 | 86 | - | 25 | 4 | 23 | 11 | - | - | - | - | 15 | 22 |
| CENTRAL DISTRICTS - - - | 233,635 | 104 | 121 | 18 | 19 | - | 8 | - | 3 | 3 | - | - | - | 1 | 7 | 12 |
| EAST DISTRICTS - - - | 716,334 | 452 | 331 | 77 | 66 | - | 24 | 1 | 4 | 21 | - | - | - | 3 | 19 | 44 |
| SOUTH DISTRICTS - - - | 1,642,796 | 847 | 549 | 89 | 159 | - | 35 | 5 | 17 | 17 | - | 1 | - | 2 | 27 | 52 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON * | — | - | 52 | - | 23 | - | - | 2 | - | - | - | - | - | - | - | 1 |
| WEST DISTRICTS. | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 46 | 29 | 5 | 7 | - | 7 | - | - | 1 | - | - | - | - | - | 1 |
| St. John Paddington *H* - - G. | 33,510 | 7 | 9 | - | 1 | - | 1 | - | - | 1 | - | - | - | - | 1 | 1 |
| Kensington Town *Ww* - - W. | 122,164 | 50 | 69 | 15 | 22 | - | 14 | - | - | 2 | 1 | - | - | 1 | 1 | 4 |
| Brompton *HH*- - - W. & C. | 48,301 | 12 | 13 | 2 | 5 | - | - | - | - | - | - | - | - | - | 1 | 2 |
| St. Peter Hammersmith - - W. | 9,097 | 4 | 1 | - | - | - | 1 | - | - | - | - | - | - | - | - | - |
| St. Paul Hammersmith *HH* W. & G. | 25,102 | 43 | 42 | 8 | 9 | - | 14 | - | - | - | - | - | - | - | 2 | 5 |
| Fulham *Ww* - - - W. & C. | 113,781 | 70 | 50 | 9 | 9 | - | 1 | 3 | 5 | 2 | - | - | - | 1 | 2 | 3 |
| Chelsea Kensal Town - C. | 21,450 | 10 | 10 | 2 | 2 | - | 2 | - | - | - | - | - | - | - | - | - |
| Chelsea North *WHHHHH* - C. | 42,057 | 15 | 19 | 3 | 5 | - | 2 | - | 1 | - | - | - | - | - | - | - |
| Chelsea South *HH* - - C. | 33,139 | 19 | 17 | 7 | 1 | - | 3 | - | - | - | - | - | - | 1 | 1 | 2 |
| May Fair *W* - - - - G. | 23,827 | 6 | 5 | - | 2 | - | - | | - | - | - | - | - | - | - | 1 |
| Belgrave *WHHH* - - - C. | 56,140 | 17 | 24 | 5 | 3 | - | 1 | - | - | 1 | - | - | - | - | 4 | 4 |
| St. John Westminster *HH* - C. | 31,492 | 9 | 17 | 6 | 6 | - | 4 | - | - | - | - | - | - | - | 2 | 3 |
| St. Margaret Westminster *H*- C. | 22,097 | 7 | 10 | 2 | - | - | - | - | - | - | - | - | - | - | 2 | 3 |
| St. James Westminster *WHH* N. & G. | 23,050 | 3 | 7 | 1 | 3 | - | 1 | - | - | - | - | - | - | - | - | - |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 4 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| NORTH DISTRICTS. | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - - W. | 36,595 | 12 | 23 | 4 | 6 | - | 2 | - | - | - | - | - | - | - | 1 | 1 |
| Rectory Marylebone *W* G. & W. | 19,798 | 10 | 4 | 1 | 3 | - | - | - | - | - | - | - | - | - | 1 | 2 |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 22 | 7 | 2 | 2 | - | - | - | - | 1 | - | - | - | - | - | - |
| Christchurch Marylebone *H* - W | 32,547 | 13 | 13 | 2 | 2 | - | 2 | - | - | - | - | - | - | - | - | 1 |
| St. John Marylebone *HHH* W. | 32,611 | 15 | 9 | 1 | 2 | - | 2 | 1 | - | - | - | - | - | - | - | - |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 22 | 25 | 7 | 5 | - | - | 2 | 2 | 3 | - | - | - | - | 1 | 1 |
| Regent's Park Pancras *HH* - W. | 37,341 | 20 | 11 | 3 | 4 | - | - | - | - | - | - | - | - | - | - | - |
| Tottenham-court *wHHH* - N. & W. | 26,757 | 14 | 17 | 2 | 2 | - | - | - | 2 | - | - | - | - | - | 1 | 2 |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 11 | 8 | 3 | 3 | - | - | - | 1 | - | - | - | - | - | 1 | 1 |
| Somers Town *HH* - - - N. | 32,161 | 24 | 8 | 5 | 1 | - | 1 | - | - | - | - | - | - | - | - | - |
| Camden Town *WH* - - N. | 16,669 | 14 | 9 | 3 | 3 | - | - | - | - | - | - | - | - | - | 1 | 1 |
| Kentish Town *WW* - - N. | 98,410 | 44 | 22 | 5 | 3 | - | - | - | - | 1 | - | - | - | - | 2 | 3 |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 45 | 57 | 9 | 17 | - | 7 | - | 2 | 1 | - | - | - | - | 2 | 2 |
| Islington South-west H - N. | 107,365 | 57 | 28 | 9 | 6 | - | 5 | - | - | - | - | - | - | - | 1 | 1 |
| Islington South-east - - N. | 66,549 | 25 | 19 | 7 | 2 | - | 4 | - | - | 1 | - | - | - | - | 2 | 2 |
| Highbury *HH* - - - N. | 64,577 | 24 | 11 | 4 | 3 | - | 1 | - | - | - | - | - | - | - | - | - |
| Stoke Newington *H* - N. | 33,485 | 8 | 7 | - | 4 | - | 1 | - | - | - | - | - | - | - | - | - |
| North Hackney - - E. & N. | 213,044 | 24 | 6 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - |
| Central Hackney *ww* - E. & N. | | 31 | 18 | 3 | 1 | - | - | 1 | 12 | 1 | - | - | - | - | - | - |
| South-west Hackney *HHH* E. & N. | | 27 | 30 | 4 | 4 | - | - | - | 4 | 1 | - | - | - | - | 2 | 3 |
| South-east Hackney *WwH* E.&N. | | 31 | 22 | 6 | 11 | - | - | - | - | 2 | - | - | - | - | - | 2 |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated th namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Jun Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River; E. London; and K. the Kent Company.

* See note † on first page of this Return.

BLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 26th March, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population. 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week nclude: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CENTRAL DISTRICTS. | | | | | | | | | | | | | | | | | | |
| t. George Bloomsbury - - N. | 16,110 | 6 | 3 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| t. Giles South *WH* - - N. | 12,976 | 13 | 6 | 1 | – | – | 4 | – | – | – | – | – | – | – | – | – | 2 | – |
| t Giles North *H* - - - N | 9,151 | 3 | 5 | 1 | 1 | – | 1 | – | – | – | – | – | – | – | – | 1 | 1 | – |
| t. Martin-in-the-Fields *HH* N. & C. | 13,077 | 4 | 8 | – | – | – | – | – | – | – | – | – | – | – | 2 | 2 | 5 | – |
| trand *WHH* - - - - N. | 11,839 | 2 | 10 | 2 | 2 | – | – | – | – | – | – | – | – | – | 1 | 2 | 4 | – |
| *trand Union Workhouse, Edmonton* | †1,037 | – | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | 2 | – |
| Holborn *wHHHHHHH* - N. | 31,042 | 16 | 23 | 5 | 1 | – | 2 | – | 1 | 1 | – | – | – | – | – | – | 11 | – |
| t. James Clerkenwell - - N. | 15,777 | 5 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| mwell Clerkenwell - - N. | 34,356 | 13 | 8 | – | – | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – |
| oswell-street - - - - N. | 16,069 | 4 | 2 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| ity-road *HHHL* - - - N. | 29,897 | 26 | 15 | 4 | 2 | – | – | – | – | 2 | – | – | – | – | 1 | 1 | 5 | – |
| Whitecross-street - - - N. | 7,595 | 3 | 2 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| insbury - - - - - N. | 4,035 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| *Holborn Union Workhouse, Mitcham* - - - - | †892 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| t. Botolph *H* - - N. & E. | 6,870 | 2 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| ripplegate - - - - N. | 3,299 | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| t. Sepulchre *WH* - - - N. | 9,591 | 1 | 29 | 1 | 8 | – | – | – | 1 | – | – | – | – | 1 | 2 | 3 | 23 | – |
| llhallows Barking - - - N. | 9,059 | 2 | 3 | – | – | – | – | – | – | – | – | – | – | – | 1 | 2 | – | – |
| road Street *H* - - - N. | 2,892 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| *City of London Asylum, Stone* - - | †388 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| EAST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| horeditch South *Hl* - E. & N. | 17,975 | 8 | 6 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | 1 | 2 | – |
| oxton New Town *w* - - N. | 29,575 | 15 | 14 | 6 | 3 | – | – | – | 1 | 2 | – | – | – | – | 2 | 2 | 3 | – |
| oxton Old Town - - - N. | 27,645 | 13 | 8 | 1 | 1 | – | 1 | – | – | 1 | – | – | – | – | – | 2 | – | – |
| aggerston *WH* - - N. & E. | 47,163 | 30 | 30 | 6 | 6 | – | 4 | – | 1 | 3 | – | – | – | – | 2 | 4 | 8 | – |
| ethnal Green North *H* - E. | 49,301 | 36 | 15 | 6 | 1 | – | – | – | – | 1 | – | – | – | 1 | 3 | 4 | 2 | – |
| ethnal Green South - - E. | 34,194 | 30 | 19 | 5 | 2 | – | 7 | – | 1 | 3 | – | – | – | – | 2 | 2 | – | – |
| ethnal Green East *WHl* - E. | 45,667 | 25 | 29 | 4 | 9 | – | – | – | – | 2 | – | – | – | 1 | – | – | 17 | – |
| pitalfields - - - E. & N. | 26,681 | 25 | 4 | – | 1 | – | – | – | – | 1 | – | – | – | – | – | – | – | – |
| ile End New Town *W* - E. | 12,816 | 12 | 17 | 2 | 4 | – | – | – | – | – | – | – | – | – | – | 3 | 11 | – |
| hitechapel Church *H* - E. & N. | 25,561 | 15 | 32 | 7 | 2 | – | 1 | – | – | – | – | – | – | – | 2 | 5 | 26 | – |
| oodman's Fields - - - E. | 13,618 | 7 | 2 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| t. George's North - - - E. | 39,576 | 30 | 14 | 6 | 1 | – | 2 | – | – | 1 | – | – | – | 1 | – | – | – | – |
| t. John, St. George East *W* E. | 7,930 | 2 | 8 | 1 | 3 | – | – | – | – | – | – | – | – | – | – | – | 5 | – |
| hadwell *H* - - - E. & N. | 10,434 | 7 | 8 | 2 | – | – | – | – | – | – | – | – | – | – | 1 | 2 | 7 | – |
| atcliff *W* - - - - E. | 14,954 | 5 | 9 | 5 | 2 | – | – | – | – | 1 | – | – | – | – | 1 | 1 | – | – |
| imehouse - - - - - E. | 32,917 | 12 | 9 | 3 | 3 | – | – | – | – | 2 | – | – | – | – | – | 2 | – | – |
| Mile End Old Town West *H* E. | 111,060 | 50 | 14 | 4 | 1 | – | 3 | – | – | 1 | – | – | – | – | – | 2 | – | – |
| Mile End Old Town East *WWww* - E. | | 26 | 21 | 6 | 7 | – | 1 | – | – | 3 | – | – | – | – | 1 | 3 | 7 | – |
| Bow *l* - - - - E. | 41,687 | 23 | 9 | 2 | 2 | – | – | 1 | – | – | – | – | – | – | – | 1 | 1 | – |
| Bromley *wwwH* - - - E. | 69,821 | 39 | 39 | 5 | 9 | – | 2 | – | – | – | – | – | – | – | 2 | 4 | 16 | – |
| Poplar *WW* - - - - E. | 57,759 | 42 | 24 | 4 | 6 | – | 3 | – | 1 | – | – | – | – | – | 3 | 6 | – | – |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 26th March, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WHL*.&S. | 13,064 | 2 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| St. Saviour Southwark - - S. | 12,301 | 5 | 4 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Kent-road - - - - S. & L. | 22,879 | 23 | 7 | 1 | 1 | – | 2 | – | – | – | – | – | – | – | – | 1 | – | – |
| Borough-road *WH* - S. & L. | 16,083 | 13 | 7 | – | 1 | – | 1 | – | – | – | – | – | – | – | – | 2 | 5 | – |
| London-road *HL* - - L. & S. | 21,316 | 12 | 6 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Trinity Newington - - S. & L. | 28,723 | 8 | 4 | 1 | – | – | 1 | – | – | – | – | – | – | – | – | 1 | – | – |
| St. Peter Walworth *W* - S. & L. | 62,045 | 41 | 17 | 2 | 5 | – | 1 | – | – | – | – | – | – | – | – | 1 | 2 | – |
| St. Mary Newington- - L. & S. | 30,171 | 19 | 8 | 3 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| St. Olave *WH*- - - - S. | 11,731 | 5 | 18 | 2 | 3 | – | – | – | – | – | – | – | – | – | 4 | 4 | 18 | – |
| Leather Market *W* - S. & L. | 32,339 | 19 | 4 | 1 | – | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| St. James Bermondsey - - S. | 53,136 | 34 | 11 | 1 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Rotherhithe *WwH* - S. & K. | 40,379 | 9 | 24 | – | 6 | – | 2 | – | – | 1 | – | – | – | – | 1 | 2 | 12 | 1 |
| Waterloo-road *HH* - L. & S. | 28,396 | 22 | 6 | 2 | 2 | – | – | – | – | 1 | – | – | – | – | – | 1 | 1 | – |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 12 | 15 | 2 | 1 | – | 1 | – | – | – | – | – | – | – | 3 | 3 | 10 | – |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 29 | 23 | 4 | 10 | – | – | – | – | – | – | – | – | – | – | – | 16 | – |
| Kennington 1st *H* - - S. & L. | 52,486 | 37 | 16 | 3 | 5 | – | 2 | – | – | 1 | – | – | – | – | – | 2 | – | – |
| Kennington 2nd - - S. & L. | 43,244 | 15 | 10 | – | 5 | – | – | – | – | – | – | – | – | – | – | 1 | – | 1 |
| Brixton *w* - - - L. & S. | 81,825 | 43 | 21 | 7 | 4 | – | – | – | 3 | – | – | – | – | – | – | 1 | 3 | – |
| Norwood *WH*- - - - L. | 29,318 | 20 | 3 | 1 | – | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| East Battersea - - - - S. | 71,730 | 38 | 23 | 5 | 6 | – | 3 | – | 1 | – | – | – | – | – | 1 | 6 | – | – |
| West Battersea *WwH* - - S | 93,385 | 47 | 43 | 4 | 12 | – | 3 | 1 | 3 | 3 | – | – | – | – | 2 | 3 | 15 | – |
| Clapham *H* - - - - S. | 46,953 | 20 | 16 | 3 | 5 | – | – | – | – | – | – | – | – | – | 2 | 2 | 1 | – |
| Wandsworth *WHHL* - - S. | 58,101 | 29 | 11 | 2 | 4 | – | 2 | – | – | – | – | – | – | – | – | 1 | – | – |
| Putney - - - - - S. | 20,566 | 9 | 5 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Streatham *Wwww* - - - L. | 61,644 | 18 | 21 | 3 | 10 | – | 3 | – | 2 | – | – | – | – | – | – | 1 | 2 | – |
| Dulwich - - - - L. & S. | 7,519 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Camberwell *Wwll* - S. & L. | 90,286 | 52 | 44 | 7 | 20 | – | – | – | – | – | – | 1 | – | 1 | 5 | 6 | 26 | – |
| Peckham *WW* - S., L., & K. | 88,242 | 44 | 23 | 4 | 7 | – | – | – | 1 | 2 | – | – | – | – | – | 1 | 1 | – |
| St. George Camberwell - L. & S. | 67,029 | 43 | 20 | 2 | 3 | – | – | – | – | – | – | – | – | – | 3 | 5 | – | – |
| Deptford North - - - K. | 36,152 | 23 | 6 | 3 | 1 | – | 2 | – | – | – | – | – | – | 1 | – | – | – | – |
| Deptford Central *w* - - K. | 45,441 | 23 | 18 | 5 | 3 | – | 5 | 2 | 2 | – | – | – | – | – | – | – | 4 | – |
| Deptford South - - - K. | 33,402 | 9 | 9 | 4 | 3 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| Greenwich West *H* - - K. | 23,012 | 11 | 6 | 1 | 2 | – | – | – | – | – | – | – | – | – | 1 | 1 | 1 | – |
| Greenwich East *WH* - - K. | 37,767 | 19 | 19 | 1 | 9 | – | – | – | 1 | 1 | – | – | – | – | 1 | 1 | 13 | – |
| Eltham *wH* - - - - K. | 5,911 | 3 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Lee *H* - - - - - K. | 24,222 | 11 | 6 | 3 | 3 | – | – | – | – | 1 | – | – | – | – | – | – | – | – |
| Lewisham *WwH* - - - K. | 38,139 | 11 | 13 | 2 | 1 | – | – | 1 | 2 | 2 | – | – | – | – | – | – | 6 | – |
| Sydenham *H* - - - - L. | 37,601 | 15 | 11 | 3 | 3 | – | 2 | – | – | 1 | – | – | – | – | – | – | – | 1 |
| Charlton *wHH* - - K. | 15,928 | 5 | 8 | 1 | 1 | – | – | 1 | 2 | – | – | – | – | – | – | – | 3 | – |
| Woolwich Dockyard - - K. | 19,355 | 9 | 4 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 10 | 9 | – | 4 | – | 2 | – | – | – | – | – | – | – | 1 | 1 | – | – |
| Plumstead West *H* - - K. | 16,714 | 9 | 4 | – | 2 | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| Plumstead East *WH* - - K. | 42,538 | 19 | 19 | 2 | 6 | – | – | – | – | 4 | – | – | – | – | 2 | 3 | 6 | 1 |
| Banstead Asylum - - - - | — | – | 5 | – | 3 | – | – | – | – | – | – | – | – | – | – | – | 5 | – |
| Caterham Asylum - - - - | — | – | 6 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 6 | – |
| Cane Hill Asylum - - - - | — | – | 3 | – | – | – | – | – | – | – | – | – | – | – | – | 1 | 3 | – |
| Hospital Ships and Camp, Dartford | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Darenth Asylum - - - - | — | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Hanwell Asylum - - - - | — | – | 16 | – | 9 | – | – | – | – | – | – | – | – | – | – | – | 16 | – |
| Colney Hatch Asylum - - - | — | – | 5 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 5 | – |
| N.E. Hospital - - - - - | — | – | 1 | – | – | – | – | 1 | – | – | – | – | – | – | – | – | 1 | – |
| Winchmore Hill Hospital - - | — | – | 1 | – | – | – | – | 1 | – | – | – | – | – | – | – | – | 1 | – |
| Leavesden Asylum - - - - | — | – | 5 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 5 | – |
| Claybury Asylum - - - - | — | – | 9 | – | 5 | – | – | – | – | – | – | – | – | – | – | – | 9 | – |

LE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 26th March, 1898.

| ris-ion rict d b-rict m-rs. | REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years & upwds. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LONDON—OUTER RING - | 368,749 | 1,422,063 | 871 | 531 | 118 | 167 | - | 44 | 3 | 16 | 14 | 4 | 1 | 19 | 30 | 47 | 10 |
| :1 | Carshalton *wHH* - - | 12,228 | 26,108 | 10 | 4 | - | 2 | - | - | - | - | - | - | - | 1 | 1 | - | - |
| 2 | Epsom, *part of** *WwHH* - | 10,423 | 12,508 | 5 | 6 | 1 | 3 | - | - | - | - | - | - | - | - | 1 | 1 | - |
| :1 | Godstone, *part of** *W* - | 2,754 | 1,598 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| :1 | Croydon *WwHHH* - - | 20,851 | 128,699 | 62 | 45 | 9 | 19 | - | - | 1 | - | - | - | - | - | 2 | 10 | - |
| 2 | Mitcham *w* - - - | 11,697 | 23,088 | 16 | 5 | - | 2 | - | 1 | - | - | - | - | - | 1 | 1 | - | - |
| :1 | Wimbledon *HHH* - - | 3,220 | 25,761 | 14 | 12 | 3 | 2 | - | 1 | - | - | - | - | - | - | - | 2 | - |
| 2 | Kingston *W* - - - | 8,071 | 33,566 | 19 | 8 | 3 | 3 | - | 1 | - | - | - | - | - | 1 | 1 | - | - |
| 3 | Surbiton *H*- - - - | | 11,199 | 4 | 5 | - | 2 | - | - | - | - | - | - | - | 1 | 1 | - | - |
| 4 | Esher, *part of** *HH* - - | 6,601 | 12,059 | 4 | 7 | 2 | 1 | - | 2 | - | 1 | - | - | - | - | - | 1 | - |
| 5 | Hampton *HL* - - - | 4,565 | 18,252 | 6 | 3 | - | 2 | - | - | - | 1 | - | - | - | - | - | - | - |
| :1 | Richmond *WH*- - - | 2,160 | 25,389 | 10 | 8 | 2 | 3 | - | - | - | - | - | - | - | - | - | 1 | - |
| 2 | Mortlake *H* - - - | 2,823 | 16,159 | 6 | 7 | 1 | 2 | - | - | - | - | 1 | - | - | 1 | 1 | - | - |
| :1 | Bromley *HHH* - - - | 9,127 | 23,815 | 11 | 3 | - | 2 | - | - | - | - | - | 1 | - | - | - | - | - |
| 2 | Beckenham *H* - - - | 6,542 | 21,969 | 8 | 5 | 2 | 1 | - | - | - | - | - | - | - | - | - | 1 | - |
| 3 | Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 10 | 5 | 2 | 2 | - | - | - | - | 1 | - | - | - | - | - | 1 |
| :1 | Bexley *HHH* - - - | 12,540 | 30,590 | 19 | 11 | 2 | 2 | - | 2 | - | 1 | 2 | - | - | - | - | - | - |
| 2 | Dartford *WH*, part of* - | — | — | - | 4 | - | 4 | - | - | - | - | - | - | - | - | - | 4 | - |
| :1 | Sunbury *w* - - - | 11,054 | 13,671 | 7 | 3 | - | 2 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Staines *WH* - - - | 13,277 | 13,221 | 8 | 6 | 2 | 2 | - | - | - | - | - | - | - | - | 1 | 1 | - |
| :1 | Hillingdon *WHH* - - | 6,035 | 12,237 | 5 | 4 | - | 2 | - | 1 | - | 1 | - | - | - | - | - | 1 | - |
| 2 | Uxbridge - - - - | 12,757 | 7,253 | 3 | 4 | 1 | 1 | - | - | - | 1 | - | - | - | - | - | - | - |
| 3 | Hayes *wH*- - - - | 7,952 | 11,051 | 7 | 4 | 1 | 2 | - | - | - | - | - | - | - | - | - | 1 | - |
| :1 | Isleworth *WHH* - - | 6,967 | 26,004 | 13 | 17 | 3 | 5 | - | 5 | - | - | - | - | - | 1 | 1 | 4 | - |
| 2 | Twickenham *HH* - - | 2,415 | 16,027 | 8 | 6 | 1 | 3 | - | - | - | - | - | - | - | 1 | 1 | - | - |
| 3 | Brentford *HHHH* - - | 4,318 | 37,777 | 16 | 16 | 5 | 5 | - | - | - | - | - | - | - | 1 | 2 | - | 1 |
| 4 | Chiswick - - - - | 1,245 | 21,963 | 13 | 15 | 5 | 3 | - | 6 | - | - | - | - | - | - | - | - | - |
| 5 | Acton *wH* - - - - | 6,132 | 30,945 | 19 | 12 | 5 | 5 | - | - | - | 1 | - | - | 1 | 2 | 2 | - | - |
| :1 | Harrow *HHH* - - - | 13,809 | 15,715 | 9 | 5 | - | 2 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Edgware *HH* - - - | 6,994 | 3,844 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Willesden *HHH* - - | 4,383 | 61,265 | 46 | 31 | 7 | 5 | - | 4 | - | 1 | 3 | - | - | - | - | 3 | 1 |
| 4 | Hendon *WH* - - - | 8,382 | 15,843 | 8 | 6 | - | 3 | - | 1 | - | - | - | - | - | - | 1 | - | - |
| :1 | South Mimms *HH* - - | 21,077 | 6,367 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Barnet *WHH* - - - | | 14,152 | 6 | 5 | 1 | 4 | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Finchley *HHH*- - - | 4,688 | 25,820 | 14 | 2 | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - |
| :1 | Hornsey *HH* - - - | 3,039 | 61,097 | 40 | 9 | 3 | 4 | - | 1 | - | - | - | - | - | - | - | - | - |
| 2 | Tottenham *HH*- - - | 4,642 | 97,174 | 52 | 36 | 7 | 15 | - | 4 | - | 1 | - | - | - | - | 1 | 4 | - |
| 3 | Edmonton *Www* - - | 7,489 | 36,351 | 39 | 10 | 3 | 3 | - | - | - | - | - | 1 | - | - | 1 | 3 | - |
| 4 | Enfield *WWHH* - - | 12,602 | 31,536 | 27 | 7 | 1 | 1 | - | - | - | 1 | - | - | - | - | - | - | - |
| 5 | Waltham Abbey - - - | 11,017 | 6,066 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 6 | Cheshunt *H* - - - | 8,430 | 9,620 | 10 | 4 | 2 | 2 | - | 1 | - | - | - | - | - | - | - | - | 2 |
| :1 | Hatfield, *part of** *W* - | 3,306 | 582 | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| :1 | Bushey *H* - - - - | 9,331 | 7,737 | 2 | 2 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Watford *WH*, part of* - | — | — | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | - |
| :1 | Stratford *H* - - - | 1,100 | 42,983 | 14 | 16 | 6 | 3 | - | - | - | - | 1 | - | - | - | - | - | - |
| 2 | Plaistow *WHH*- - - | 1,242 | 58,030 | 66 | 34 | 9 | 8 | - | - | 2 | 4 | 1 | - | - | 1 | 2 | - | 3 |
| 3 | Canning Town *H* - - | 1,558 | 54,750 | 45 | 26 | 9 | 5 | - | - | - | - | 1 | - | - | 1 | 2 | 2 | - |
| 4 | Forest Gate *w* - - - | 806 | 49,140 | 17 | 20 | 4 | 5 | - | 1 | - | 1 | 1 | 1 | - | 2 | 2 | - | 2 |
| 5 | East Ham *wH*- - - | 3,266 | 32,713 | 28 | 19 | 1 | 2 | - | 1 | - | - | 2 | 1 | - | 1 | 1 | - | - |
| 6 | Leyton *WWWwH* - - | 4,334 | 70,188 | 56 | 37 | 6 | 9 | - | 11 | - | 1 | - | - | - | 2 | 3 | 7 | - |
| 7 | Walthamstow *HHL*- - | 6,501 | 57,330 | 50 | 20 | 5 | 7 | - | 1 | - | 1 | 1 | - | - | 1 | 1 | - | - |
| :1 | Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 8 | 4 | - | 2 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Epping *WH*, part of*- - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| :1 | Romford, *part of** *WH* - | 6,556 | 4,324 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Ilford - - - - - | 8,493 | 10,913 | 9 | 4 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Barking Town, *H* - - | 3,814 | 14,301 | 12 | 6 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - |

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring re as follows: -30 : 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37 : 1, the parishes of Warlingham nd Farley in Godstone sub-district; 39 : 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41 : 3, Chislehurst ub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135 : 1, the parish of Northaw in atfield sub-district; 187 : 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping op. 1,079); 189 : 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for nfectious Diseases belonging to the Outer Ring in 42 : 2, Dartford; 137 : 2, Watford; and 187 ; 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 26th March, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | Annual Rate of Mortality per 1000 living. From All Causes. | Annual Rate of Mortality per 1000 living. From Diseases in Cols. 8-14. | Deaths from All Causes. | The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Deaths in Public |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. | 1 |
| GREATER LONDON | **443,421** | **6,408,321** | **18·4** | **2·9** | **2262** | **449** | **595** | **–** | **187** | **18** | **69** | **73** | **6** | **10** | **103** | **58** |
| INNER LONDON - | 74,672 | 4,504,766 | 20·0 | 3·3 | 1731 | 331 | 428 | – | 143 | 15 | 53 | 59 | 2 | 9 | 84 | 54 |
| OUTER RING - | 368,749 | 1,903,555 | 14·5 | 2·2 | 531 | 118 | 167 | – | 44 | 3 | 16 | 14 | 4 | 1 | 19 | 4 |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent to the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

| CITIES | Population (enumerated or estimated). | Date of Return. Week ending | Births. (Exclusive of Stillborn) | Deaths. (Exclusive of Stillborn) | Annual Death-Rate per 1000 living. | Deaths from Principal Zymotic Diseases. Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœal Diseases. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 295,628 | March 26 | 143 | 133 | 23·5 | – | 3 | 3 | 2 | 1 | – | |
| GLASGOW - - | 724,349 | „ 26 | 539 | 349 | 25·1 | – | 21 | 2 | 1 | 19 | 3 | |
| DUBLIN - - | 349,594 | „ 26 | 197 | 198 | 29·5 | – | – | 2 | – | 3 | 6 | – |
| CALCUTTA - - | 466,460 | January 29 | – | 252 | 28·1 | 3 | – | – | – | – | 67 | 2 |
| BOMBAY - - | 821,764 | March 1 | 201 | 2054 | 130·0 | – | 18 | ? | ? | ? | 1181‡ | 97 |
| MADRAS - - | 452,518 | February 18 | 269 | 287 | 32·9 | 4 | 21 | ? | ? | ? | 95 | 34 |
| PARIS - - | 2,511,629 | March 19 | 1191 | 1063 | 22·0 | – | 23 | – | 9* | 3 | 7 | 36 |
| BRUSSELS - - | 531,024 | „ 19 | 291 | 169 | 16·5 | – | – | – | – | 3 | 1 | 14 |
| AMSTERDAM - | 503,045 | „ 12 | 295 | 169 | 17·4 | – | – | – | 4 | 3 | 1 | – |
| ROTTERDAM - | 290,004 | „ 12 | 250 | 120 | 21·5 | – | 1 | 1 | – | 3 | 1 | – |
| THE HAGUE - | 191,529 | „ 12 | 116 | 52 | 14·0 | – | – | – | – | – | – | – |
| COPENHAGEN - | 340,500 | „ 19 | 171 | 118 | 18·1 | – | 1 | 1 | 3 | 4 | – | – |
| STOCKHOLM - | 274,611 | „ 12 | 164 | 97 | 18·4 | – | – | 1 | 6* | 2 | 1 | 4 |
| CHRISTIANIA - | 192,141 | „ 19 | 138 | 63 | 17·1 | – | – | – | – | – | – | 2 |
| ST. PETERSBURG | 954,400 | „ 12 | 645 | 627 | 34·3 | 1 | 9 | 19 | 25 | 1 | 35 | 44 |
| MOSCOW - - | 988,610 | „ 12 | – | 557 | 29·4 | 1 | 7 | 6 | 16 | 4 | 6 | 49 |
| BERLIN - - | 1,753,775 | „ 5 | 919 | 582 | 17·2 | – | 5 | 7 | 13 | 10 | – | 36 |
| HAMBURG - - | 661,015 | „ 19 | – | 207 | 16·3 | – | – | – | 4* | 4 | 2 | 2 |
| DRESDEN - - | 377,500 | February 19 | – | – | – | – | – | – | – | – | – | – |
| BRESLAU - - | 392,795 | March 19 | – | 213 | 28·3 | – | 3 | 1 | – | 1 | – | 17 |
| MUNICH - - | 430,000 | „ 19 | – | 217 | 26·2 | – | 2 | – | 4* | – | – | 26 |
| VIENNA - - | 1,574,129 | „ 19 | 990 | 753 | 24·9 | – | 12 | 5 | 11* | – | 1 | 43 |
| PRAGUE - - | 377,109 | „ 19 | 237 | 208 | 28·7 | – | 7 | 2 | 1 | 2 | 2 | 5 |
| BUDA-PESTH - | 648,104 | „ 12 | 487 | 278 | 22·3 | – | 2 | – | 3 | 1 | 5 | 4 |
| TRIESTE - - | 164,491 | „ 12 | 101 | 109 | 34·4 | – | – | 1 | 1* | – | – | – |
| ROME - - - | 489,965 | February 19 | – | – | – | – | – | – | – | – | – | – |
| TURIN (11 days) | 344,203 | January 31 | 259 | 238 | 22·9 | – | 2 | – | – | 1 | – | 5 |
| VENICE - - | 167,074 | March 5 | 70 | 87 | 27·2 | – | – | – | 1* | – | 2 | 4 |
| CAIRO - - | 570,062 | January 7 | 430 | 347 | 31·6 | – | – | – | 7* | 2 | 5 | 70 |
| ALEXANDRIA - | 319,766 | „ 7 | 283 | 206 | 33·5 | 6 | – | – | – | – | 5 | 38 |
| NEW YORK (including BROOKLYN) | 3,438,899 | March 5 | 1622 | 1218 | 18·5 | – | 18 | 26 | 34 | 10 | 6 | 17 |
| PHILADELPHIA - | 1,240,266 | „ 5 | – | – | – | – | – | – | – | – | – | – |

* Including deaths from croup.
† Including 9 deaths from cholera in Calcutta, 5 in Bombay, and 7 in Madras.
‡ Including 1097 deaths from bubonic fever.

| 1898. Month and Day. | Phases of the Moon. | Barometer. Mean daily reading (corrected and reduced to 32° Fahrenheit). | Temperature. Of the Air. Highest. | Temperature. Of the Air. Lowest. | Temperature. Of the Air. Daily Range. | Temperature. Of the Air. Mean daily value. | Temperature. Of the Air. Departure from Average of 50 years. | Temperature. Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Difference. Greatest. | Difference. Least. | Degree of Humidity (Saturation equals 100). | Temperature. Of Radiation. Highest in Sun's Rays. | Temperature. Of Radiation. Lowest on the Grass. | Temperature. Of the Earth 3 feet below the Surface. | Wind as deduced from Anemometers. Osler's. General Direction. A.M. | Osler's. General Direction. P.M. | Osler's. Pressure on the Square Foot. Greatest. | Osler's. Pressure on the Square Foot. Least. | Osler's. Pressure on the Square Foot. Mean of 24 hourly obs. | Robinson's. Horizontal Movement of the Air on each Day. | Robinson's. Departure from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| March | | | | | | | | | | | | | | | | | | | | | | | | |
| Sunday - 20 | .. | 29·994 | 49·0 | 33·8 | 15·2 | 40·4 | − 1·0 | 36·3 | 4·1 | 10·7 | 0·8 | 85 | 81·0 | 30·6 | 43·80 | ENE, NNE. & NE. | ENE. & SE. | 1·3 | 0·0 | 0·0 | 166 | −144 | 0·01 | 0·0 |
| Monday - 21 | In Equator | 30·035 | 52·1 | 28·0 | 24·1 | 38·9 | − 2·5 | 31·0 | 7·9 | 17·8 | 0·0 | 73 | 97·0 | 25·9 | 44·00 | WNW., WSW. & variable. | ENE. & NE. | 0·9 | 0·0 | 0·0 | 115 | −194 | 0·00 | 0·0 |
| Tuesday - 22 | New | 29·960 | 50·0 | 30·2 | 19·8 | 40·9 | − 0·6 | 33·2 | 7·7 | 14·3 | 2·5 | 74 | 78·8 | 26·9 | 43·81 | Variable, calm & E. | E., SSE. & SW. | 0·2 | 0·0 | 0·0 | 109 | −198 | 0·00 | 0·0 |
| Wednesday 23 | .. | 29·579 | 48·3 | 33·0 | 15·3 | 39·7 | − 2·1 | 36·2 | 3·5 | 6·1 | 2·1 | 88 | 54·8 | 29·2 | 43·60 | WSW. | W., N. & NNW. | 13·0 | 0·0 | 0·8 | 429 | +125 | 0·05 | 0·0 |
| Thursday - 24 | .. | 29·595 | 40·9 | 29·1 | 11·8 | 33·6 | − 8·5 | 30·2 | 3·4 | 8·7 | 1·5 | 87 | 81·0 | 23·2 | 43·40 | NNW. & N. | N. & NNE. | 26·0 | 0·0 | 1·6 | 601 | +299 | 0·11 | 0·0 |
| Friday - 25 | .. | 29·679 | 35·0 | 32·2 | 2·8 | 33·2 | − 9·2 | 31·1 | 2·1 | 4·5 | 0·0 | 92 | 40·9 | 30·9 | 43·07 | NNE. & NE. | NNE. & NE. | 14·0 | 0·0 | 2·5 | 803 | +502 | 0·25 | 0·0 |
| Saturday - 26 | .. | 29·250 | 38·1 | 34·3 | 3·8 | 35·8 | − 7·1 | 32·8 | 3·0 | 5·0 | 1·3 | 89 | 46·1 | 33·2 | 42·58 | NNE. | NNE. | 15·0 | 0·0 | 2·4 | 766 | +466 | 0·14 | 3·0 |
| Means - - | | 29·727 | 44·8 | 31·5 | 13·3 | 37·5 | − 4·4 | 33·0 | 4·5 | 9·6 | 1·2 | 84 | 68·5 | 29·3 | 43·47 | Variable & NNE. | | .. | .. | .. | Sum 2989 | Sum +856 | Sum 0·56 | 0·4 |
| No. of Column - | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| Date. March | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | General Remarks. |
|---|---|---|---|---|
| Sunday - 20 | m. P. generally - | 5·6 | 12·1 | Cloudy in morning with continuous rain till 1h. A.M.; fine with variable amounts of cloud till 6h. P.M.; cloudless afterwards. |
| Monday - 21 | v. P. generally - | 5·5 | 12·2 | Generally cloudless: very fine. Hoar frost and slight fog in morning. |
| Tuesday - 22 | v. P. throughout - | 2·2 | 12·2 | Cloudless with hoar frost in morning; fine and partially cloudy afterwards. Slight fog prevalent in forenoon and at night. Solar halo in afternoon. |
| Wednesday 23 | m. P. till 9h. A.M.; v. P. and v. N. till 5h. P.M.; m. P. afterwards. | 0·0 | 12·3 | Generally overcast till evening; partially cloudy afterwards. Occasional showers. |
| Thursday - 24 | m. P. till 8h. A.M.; v. P. and v. N. afterwards. | 3·2 | 12·4 | Very variable with frequent showers of sleet and snow. A gale of wind. Very cold. |
| Friday - 25 | v. P. and v. N. till 5h. P.M.; w. P. generally afterwards. | 0·0 | 12·5 | Overcast; frequent snow. Strong wind. Very cold. |
| Saturday - 26 | w. P. generally till noon; v. P. and v. N. afterwards. | 0·0 | 12·5 | Overcast; frequent rain, sleet and snow since 9h. A.M. Strong wind. Cold. |
| | | Sum 16·5 | Sum 86·2 | |
| No. of Col. - - | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer increased from 29·85 in. at the beginning of the week to 30·08 in. by 9h. A.M. on the 21st; decreased to 29·50 in. by 3h. P.M. on the 23rd; increased to 29·66 in. by midnight on the 23rd; decreased to 29·53 in. by 1h. P.M. on the 24th; increased to 29·70 in. by 6h. P.M. on the same day; and decreased to 29·15 in. by the end of the week.

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1893.

OFFICIAL COPY.

# WEEKLY RETURN
OF
# BIRTHS AND DEATHS IN LONDON
AND IN
# THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

*Printed under the Superintendence of Her Majesty's Stationery Office,*
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No. 13. 1898. Vol. LIX.] Week ending Saturday, April 2. [Price 1½*d*.

*General Register Office, Somerset House,*
*April 4th*, 1898.

## Thirty-three Great Towns.

The deaths registered last week in Thirty-three Great Towns of England and Wales corresponded to an annual rate of 21·5 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| Towns. | Weeks ending | | | | Towns. | Weeks ending | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Mar. 12. | Mar. 19. | Mar. 26. | April 2. | | Mar. 12. | Mar. 19. | Mar. 26. | April 2. |
| **33 Great Towns** | **21·1** | **21·8** | **20·2** | **21·5** | Leicester - - | 17·0 | 19·0 | 17·2 | 18·5 |
| Birkenhead - | 15·7 | 19·8 | 16·6 | 24·9 | Liverpool - - | 25·1 | 25·7 | 23·0 | 30·7 |
| Birmingham - | 21·6 | 23·8 | 19·2 | 21·3 | London - - - | 21·5 | 21·6 | 20·0 | 21·8 |
| Blackburn - | 20·4 | 18·0 | 14·5 | 21·9 | Manchester - - | 22·9 | 24·6 | 18·9 | 23·2 |
| Bolton - - | 22·1 | 22·6 | 19·2 | 22·6 | Newcastle-on-Tyne | 21·5 | 19·2 | 19·9 | 17·3 |
| Bradford - | 20·1 | 23·4 | 25·4 | 22·8 | Norwich - - | 14·5 | 25·7 | 15·9 | 18·2 |
| Brighton - | 20·0 | 20·5 | 24·7 | 19·6 | Nottingham - - | 24·3 | 22·7 | 21·4 | 21·2 |
| Bristol - | 23·5 | 23·5 | 23·9 | 22·4 | Oldham - - | 22·2 | 30·9 | 25·0 | 18·6 |
| Burnley - | 13·8 | 15·2 | 15·2 | 20·9 | Plymouth - - | 14·7 | 16·3 | 24·2 | 22·6 |
| Cardiff - - | 18·5 | 23·5 | 21·1 | 17·6 | Portsmouth - - | 18·2 | 15·6 | 17·6 | 16·8 |
| Croydon - | 18·4 | 13·8 | 15·5 | 15·5 | Preston - - | 17·9 | 19·7 | 25·1 | 22·9 |
| Derby - - | 17·9 | 23·9 | 12·9 | 20·9 | Salford - - - | 19·8 | 21·3 | 20·5 | 19·6 |
| Gateshead - | 26·1 | 15·6 | 19·1 | 15·6 | Sheffield - - | 20·9 | 22·8 | 20·9 | 19·3 |
| Halifax - | 17·2 | 22·1 | 20·5 | 18·3 | Sunderland - - | 24·6 | 20·7 | 22·5 | 19·9 |
| Huddersfield- | 20·4 | 17·3 | 17·3 | 15·3 | Swansea - - | 29·1 | 27·1 | 31·2 | 25·6 |
| Hull - - | 22·2 | 25·6 | 20·6 | 18·1 | West Ham - - | 17·5 | 17·8 | 18·2 | 14·7 |
| Leeds - - | 18·3 | 18·8 | 18·3 | 24·4 | Wolverhampton - | 16·0 | 22·5 | 16·6 | 25·5 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·0 in Huddersfield, 1·1 in Sunderland, 1·3 in London, 1·4 in Birkenhead, 1·6 in Sheffield, 1·8 in Oldham, 1·9 in Newcastle-on-Tyne, 2·6 in Swansea, 2·7 in Halifax, 3·0 in Leicester, 3·3 in Bristol, and 5·5 in Brighton; from *scarlet fever*, 1·4 in Birkenhead; and from *whooping-cough*, 1·1 in Plymouth and 1·9 in Salford. In no case did the death-rate from "*fever*" or from *diarrhœa* reach 1·0 per 1000 in any of the thirty-three towns. The 64 deaths from *diphtheria* included 45 in London, 4 in Birmingham, 3 in Leicester, and 3 in Sheffield. No death from *small-pox* was registered in any of the thirty-three towns.

In the registration district of Middlesbrough 18 deaths from small-pox were registered last week, making a total of 164 deaths from this disease since the beginning of the year.

## London.

In London† 2860 births and 1883 deaths were registered. Allowing for increase of population, the births were 135, and the deaths 142, above the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 21·5, 21·6, and

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

20·0 in the preceding three weeks, rose again last week to 21·8. During the four weeks ending on Saturday last the death-rate averaged 21·2 per 1000, being 0·3 per 1000 below the mean rate in the corresponding periods of the ten years 1888–97.

The 1883 deaths included 115 from measles, 22 from scarlet fever, 45 from diphtheria, 63 from whooping-cough, 1 from typhus, 7 from enteric fever, 9 from diarrhœa and dysentery, and not one death from small-pox, from any ill-defined form of continued fever, or from cholera; thus, 262 deaths were referred to these diseases, being 53 above the corrected average weekly number.

The deaths from *measles*, which had been 141, 134, and 143 in the preceding three weeks, fell again last week to 115, but were 54 above the corrected average; 17 cases belonged to Islington, 10 to Bethnal Green, 9 to Hammersmith, 8 to Battersea, 6 to St. Marylebone, 6 to Hackney, and 5 to Greenwich sanitary areas. The deaths from *scarlet fever*, which had been 8, 10, and 15 in the preceding three weeks, further rose last week to 22, and were 3 above the corrected average; 3 cases belonged to Kensington, 3 to St. George-in-the-East, 3 to Battersea, 2 to St. Pancras, and 2 to Lewisham sanitary areas. The deaths from *diphtheria*, which had been 33, 36, and 53 in the preceding three weeks, fell again last week to 45, but were 11 above the corrected average; 5 cases belonged to St. Pancras, 5 to Wandsworth, 4 to Lambeth, 4 to Plumstead, and 3 to Hackney sanitary areas. The deaths from *whooping-cough*, which had been 59, 56, and 59 in the preceding three weeks, further rose last week to 63, but were 12 below the corrected average; 9 cases belonged to Islington sanitary area. The death of a registered medical practitioner belonging to Kensington sanitary area, which occurred in the Western Fever Hospital, was certified as due to "typhus." The fatal cases of *enteric fever*, which had been 7, 10, and 1 in the preceding three weeks, rose again last week to 7, the corrected average being 8; 2 cases belonged to Hackney sanitary area. The deaths from *diarrhœa*, which had been 9, 11, and 9 in the preceding three weeks, were again 9 last week, the corrected average being 12. The deaths referred to diseases of the respiratory organs, which had been 429, 430, and 402 in the preceding three weeks, rose again last week to 451, and were 39 above the corrected average. The deaths attributed directly to *influenza* numbered 52, having been 44, 64, and 34 in the preceding three weeks.

Different forms of violence caused 53 deaths, concerning all of which inquests were held. Of these 53 deaths, 6 were cases of suicide, and 1 of homicide, while the remaining 46 were attributed to accident or negligence. Two of these were referred to vehicles in the streets, 1 to the effects of chloroform administered for surgical purposes, and 14 (of infants under one year of age), to suffocation in bed.

### Cases of Infectious Sickness in Hospitals.*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2377 cases of scarlet fever, 1009 of diphtheria, 5 of typhus, and 64 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 239 cases, against 197, 255, and 191; of diphtheria, 121 cases, against 122, 143, and 133; and of enteric fever, 7 cases, against 15, 14, and 10.

### Greater London.

In Greater London 3914 births and 2448 deaths were registered, corresponding to annual rates of 31·8 and 19·9 per 1000 of the estimated population. In the Outer Ring 33 deaths from measles, 1 from scarlet fever, 15 from diphtheria, 14 from whooping-cough, 6 from "fever," and 5 from diarrhœa were registered. Thirteen deaths from measles, 8 from diphtheria, and 3 from "fever" occurred in West Ham district; 6 deaths from measles occurred in Brentford district.

### Meteorology.

The mean reading of the Barometer last week at Greenwich was 29·451 inches, and that of the Thermometer 40°·7, the latter being 3°·8 below the week's average in the 50 years 1841–90. The direction of the wind was variable, the horizontal movement of the air being 33 per cent. below the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 28·9 hours; the measured rainfall amounted to 0·15 of an inch.

* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found, after sojourn in the Hospital to have been erroneous.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Registered during the Week ending 2nd April 1898. Births. | Deaths. | Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Per 1000, corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6-12. | Rainfall. Highest. Fahrenheit. | Lowest. Fahrenheit. | Mean. Fahrenheit. | Mean. Centigrade. | Rainfall. In Inches. | In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| **33 Towns** | **11,218,378** | **6998** | **4636** | **1011** | **1229** | **–** | **226** | **49** | **64** | **126** | **34** | **39** | **143** | **307** | **996** | **53** | **21·5** | **2·5** | **56·2** | **28·0** | **39·6** | **4·23** | **0·24** | **0·61** | **33 Towns.** |
| London | 4,504,766 | 2860 | 1883 | 386 | 533 | – | 115 | 22 | 45 | 63 | 8 | 9 | 53 | 141 | 544 | 9 | 21·8 | 3·0 | 55·0 | 30·7 | 40·7 | 4·83 | 0·15 | 0·38 | London. |
| West Ham | 286,654 | 169 | 81 | 25 | 17 | – | 1 | – | 2 | 1 | 3 | 1 | 6 | 9 | 8 | 5 | 14·7 | 1·5 | – | – | – | – | – | – | West Ham. |
| Croydon | 124,421 | 56 | 37 | 9 | 15 | – | – | 1 | 1 | 3 | – | – | – | 2 | 2 | – | 15·5 | 2·1 | 54·5 | 32·0 | 40·1 | 4·50 | 0·35 | 0·89 | Croydon. |
| Brighton | 122,310 | 55 | 46 | 6 | 11 | – | 13 | – | – | 1 | – | – | 2 | 2 | 19 | – | 19·6 | 6·0 | 56 2 | 31·4 | 41·7 | 5·39 | 0·03 | 0·08 | Brighton. |
| Portsmouth | 186,618 | 123 | 60 | 17 | 18 | – | – | 1 | – | 1 | – | – | 2 | 2 | 9 | 1 | 16·8 | 0·6 | 55·0 | 32·0 | 40·5 | 4·72 | 0·07 | 0·18 | Portsmouth. |
| Plymouth | 99,136 | 69 | 43 | 11 | 12 | – | – | – | – | 2 | 1 | – | – | – | 2 | – | 22·6 | 1·6 | – | – | – | – | – | – | Plymouth. |
| Bristol | 316,900 | 192 | 136 | 29 | 47 | – | 20 | – | – | 2 | – | 1 | 5 | 8 | 16 | – | 22·4 | 3·6 | 55·0 | 31·0 | 40·0 | 4·44 | 0·23 | 0·58 | Bristol. |
| Cardiff | 177,770 | 121 | 60 | 10 | 14 | – | – | – | 1 | – | 1 | 1 | 4 | 9 | 7 | – | 17·6 | 0·9 | – | – | – | – | – | – | Cardiff. |
| Swansea | 102,001 | 64 | 50 | 8 | 17 | – | 5 | – | – | – | – | – | 2 | 4 | 9 | 1 | 25·6 | 2·6 | – | – | – | – | – | – | Swansea. |
| Wolverhampton | 88,051 | 68 | 43 | 11 | 17 | – | 1 | – | 1 | 1 | – | – | – | 1 | 5 | 1 | 25·5 | 1·8 | 51·4 | 29·2 | 36·8 | 2·67 | 0·17 | 0·43 | Wolverhampton. |
| Birmingham | 510,343 | 318 | 208 | 40 | 43 | – | 3 | 3 | 4 | 4 | 4 | 1 | 8 | 13 | 32 | 5 | 21·3 | 1·9 | – | – | – | – | – | – | Birmingham. |
| Norwich | 111,699 | 64 | 39 | 10 | 17 | – | – | – | – | 1 | 1 | 2 | – | 3 | 6 | 1 | 18·2 | 1·9 | – | – | – | – | – | – | Norwich. |
| Leicester | 208,662 | 127 | 74 | 17 | 22 | – | 12 | 2 | 3 | – | – | 1 | 3 | 6 | 5 | 1 | 18·5 | 4·5 | – | – | – | – | – | – | Leicester. |
| Nottingham | 236,137 | 158 | 96 | 19 | 29 | – | – | – | – | – | 1 | 1 | 3 | 4 | 18 | 1 | 21·2 | 0·4 | 52·0 | 28·0 | 37·8 | 3·22 | 0·49 | 1·24 | Nottingham. |
| Derby | 104,834 | 46 | 42 | 8 | 10 | – | 1 | 1 | – | – | – | 1 | 2 | 5 | 12 | – | 20·9 | 1·5 | – | – | – | – | – | – | Derby. |
| Birkenhead | 113,189 | 67 | 54 | 11 | 12 | – | 3 | 3 | – | 1 | – | – | – | – | 8 | – | 24·9 | 3·2 | – | – | – | – | – | – | Birkenhead. |
| Liverpool | 633,645 | 440 | 373 | 76 | 86 | – | 5 | 4 | 1 | 9 | 6 | 2 | 15 | 19 | 109 | 11 | 30·7 | 2·2 | 48·0 | 34·2 | 40·3 | 4·61 | 0·11 | 0·28 | Liverpool. |
| Bolton | 122,495 | 96 | 53 | 11 | 18 | – | – | 1 | – | 2 | – | 2 | – | 3 | 5 | – | 22·6 | 2·1 | – | – | – | – | – | – | Bolton. |
| Manchester | 539,079 | 376 | 240 | 62 | 39 | – | 3 | 3 | – | 5 | 3 | 6 | 8 | 17 | 40 | 2 | 23·2 | 1·9 | – | – | – | – | – | – | Manchester. |
| Salford | 215,702 | 166 | 81 | 22 | 16 | – | 1 | 1 | – | 8 | 1 | 2 | 1 | 5 | 16 | 2 | 19·6 | 3·1 | – | – | – | – | – | – | Salford. |
| Oldham | 148,288 | 64 | 53 | 17 | 14 | – | 5 | 1 | – | 1 | – | – | – | 1 | 6 | – | 18·6 | 2·5 | – | – | – | – | – | – | Oldham. |
| Burnley | 109,546 | 61 | 44 | 12 | 9 | – | – | – | – | – | 1 | 1 | 2 | 3 | 2 | – | 20·9 | 1·0 | – | – | – | – | – | – | Burnley. |
| Blackburn | 133,228 | 63 | 56 | 14 | 18 | – | – | – | – | – | – | – | 2 | 2 | 9 | – | 21·9 | – | – | – | – | – | – | – | Blackburn. |
| Preston | 116,356 | 76 | 51 | 14 | 10 | – | – | – | – | – | – | 1 | – | – | 9 | 1 | 22·9 | 0·4 | – | – | – | – | – | – | Preston. |
| Huddersfield | 102,454 | 40 | 30 | 7 | 10 | – | 2 | – | – | – | – | – | – | – | 4 | – | 15·3 | 1·0 | 50·8 | 32·0 | 37·4 | 3·00 | 0·35 | 0·89 | Huddersfield. |
| Halifax | 96,729 | 48 | 34 | 9 | 7 | – | 5 | – | – | – | – | – | 2 | 2 | 4 | – | 18·3 | 2·7 | – | – | – | – | – | – | Halifax. |
| Bradford | 233,737 | 92 | 102 | 16 | 29 | – | 3 | – | – | 2 | – | 2 | 1 | 4 | 9 | 5 | 22·8 | 1·6 | 54·0 | 41·6 | 40·4 | 4·67 | 0·49 | 1·24 | Bradford. |
| Leeds | 416,618 | 255 | 195 | 43 | 57 | – | 4 | 2 | 1 | 7 | 1 | 2 | 8 | 17 | 29 | 1 | 24·4 | 2·1 | – | – | – | – | – | – | Leeds. |
| Sheffield | 356,478 | 220 | 132 | 26 | 37 | – | 11 | 1 | 3 | 4 | – | 2 | 3 | 7 | 18 | 4 | 19·3 | 3·1 | – | – | – | – | – | – | Sheffield. |
| Hull | 229,887 | 137 | 80 | 18 | 16 | – | 2 | – | 1 | 3 | – | – | 4 | 6 | 10 | 1 | 18·1 | 1·4 | – | – | – | – | – | – | Hull. |
| Sunderland | 143,849 | 96 | 55 | 15 | 12 | – | 3 | 1 | 1 | – | 2 | 1 | 1 | 3 | 10 | – | 19·9 | 2·9 | – | – | – | – | – | – | Sunderland. |
| Gateshead | 103,775 | 67 | 31 | 9 | 6 | – | – | 1 | – | 1 | – | – | 3 | 4 | 6 | – | 15·6 | 1·0 | – | – | – | – | – | – | Gateshead. |
| Newcastle | 223,021 | 144 | 74 | 23 | 11 | – | 8 | 1 | – | 4 | 1 | – | 3 | 5 | 8 | 1 | 17·3 | 3·3 | – | – | – | – | – | – | Newcastle. |

* See note * on first page of this return

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the THIRTEENTH Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2492 | 2808 | 2543 | 2781 | 2498 | 2553 | 2437 | 2466 | 2780 | 2533 | 2721·5 | 2860 |
| Males - - | 1288 | 1403 | 1332 | 1457 | 1259 | 1276 | 1244 | 1227 | 1401 | 1320 | 1389·8 | 1458 |
| Females - | 1204 | 1405 | 1211 | 1324 | 1239 | 1277 | 1193 | 1239 | 1379 | 1213 | 1334·7 | 1402 |
| TOTAL **Deaths** - | 1668 | 1476 | 1571 | 1799 | 1753 | 1732 | 1736 | 1781 | 1526 | 1505 | 1741·2 | 1883 |
| Males - - | 828 | 731 | 810 | 944 | 900 | 918 | 863 | 927 | 778 | 778 | 892·0 | 948 |
| Females - - | 840 | 745 | 761 | 855 | 853 | 814 | 873 | 854 | 748 | 727 | 849·2 | 935 |

* The numbers in this column are the average weekly numbers in the thirteenth week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | Jan. 8. | Jan. 15. | Jan. 22. | Jan. 29. | Feb. 5. | Feb. 12. | Feb. 19. | Feb. 26. | Mar. 5. | Mar. 12. | Mar 19. | Mar. 26. | Apr. 2. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** - - - | 3001 | 2703 | 2631 | 2639 | 2603 | 2843 | 2527 | 2644 | 2585 | 2736 | 2576 | 2218 | 2860 |
| TOTAL **Deaths** - - - | 1990 | 1982 | 2021 | 1764 | 1861 | 1922 | 1856 | 1889 | 1805 | 1854 | 1869 | 1731 | 1883 |
| Ages at Death: Under 1 year - - | 345 | 373 | 404 | 358 | 385 | 366 | 392 | 398 | 383 | 381 | 367 | 331 | 386 |
| 1—5 years - - | 361 | 353 | 367 | 306 | 298 | 318 | 318 | 324 | 303 | 340 | 311 | 358 | 338 |
| 5—20 " - - | 90 | 85 | 76 | 72 | 92 | 93 | 75 | 100 | 98 | 97 | 83 | 98 | 84 |
| 20—40 " - - | 231 | 225 | 203 | 206 | 204 | 230 | 221 | 226 | 218 | 202 | 206 | 202 | 198 |
| 40—60 " - - | 389 | 385 | 366 | 341 | 335 | 342 | 334 | 363 | 334 | 340 | 360 | 314 | 344 |
| 60—80 " - - | 472 | 470 | 490 | 372 | 438 | 467 | 423 | 391 | 379 | 383 | 425 | 344 | 424 |
| 80 years and upwards | 102 | 91 | 115 | 109 | 109 | 106 | 93 | 87 | 90 | 111 | 117 | 84 | 109 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox - - - - - | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Measles - - - - - | 130 | 134 | 130 | 79 | 80 | 87 | 100 | 106 | 115 | 141 | 134 | 143 | 115 |
| Scarlet Fever - - - | 19 | 15 | 17 | 17 | 12 | 19 | 9 | 11 | 8 | 8 | 10 | 15 | 22 |
| Diphtheria - - - - | 50 | 44 | 33 | 36 | 42 | 45 | 33 | 46 | 38 | 33 | 36 | 53 | 45 |
| Whooping-cough - - - | 65 | 76 | 69 | 84 | 64 | 67 | 53 | 52 | 49 | 59 | 56 | 59 | 63 |
| Typhus - - - - - | – | – | – | – | – | – | – | – | – | – | – | 1 | 1 |
| Enteric Fever - - - | 10 | 9 | 8 | 9 | 8 | 6 | 8 | 9 | 11 | 7 | 10 | 1 | 7 |
| Simple Continued Fever - | – | – | – | 1 | 1 | – | – | – | – | – | – | – | – |
| Diarrhœa and Dysentery .. | 10 | 10 | 7 | 10 | 17 | 12 | 8 | 8 | 11 | 9 | 11 | 9 | 9 |
| Cholera - - - - - | – | – | – | – | – | – | – | – | – | – | – | – | – |
| All the above Diseases - | 284 | 288 | 264 | 236 | 224 | 236 | 211 | 232 | 232 | 257 | 257 | 281 | 262 |
| Dis. of Respiratory System - | 533 | 516 | 567 | 471 | 471 | 468 | 438 | 416 | 425 | 429 | 430 | 402 | 451 |
| Phthisis - - - - - | 180 | 212 | 170 | 159 | 163 | 192 | 180 | 179 | 172 | 192 | 184 | 143 | 160 |
| Dis. of Circulatory System - | 186 | 161 | 153 | 135 | 126 | 164 | 141 | 161 | 153 | 141 | 136 | 137 | 147 |
| Violence - - - - | 79 | 77 | 87 | 52 | 78 | 61 | 77 | 74 | 53 | 68 | 59 | 84 | 53 |
| Inquest Cases - - - - | 205 | 173 | 167 | 130 | 153 | 159 | 169 | 174 | 142 | 176 | 157 | 160 | 141 |
| Deaths in Public Institutions - | 533 | 533 | 523 | 478 | 538 | 532 | 551 | 515 | 477 | 471 | 543 | 542 | 544 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean - - - - - | 43°·4 | 41°·8 | 45°·1 | 42°·4 | 44°·0 | 43°·0 | 42°·7 | 37°·6 | 38°·9 | 37°·7 | 45°·7 | 37°·5 | 40°·7 |
| Mean of Highest readings - | 48·9 | 44·6 | 48·1 | 45·2 | 49·4 | 48·3 | 47·6 | 44·8 | 46·2 | 43·9 | 52·6 | 44·8 | 48·3 |
| Mean of Lowest readings - | 37·1 | 37·6 | 40·9 | 39·8 | 39·6 | 37·8 | 38·3 | 31·4 | 33·5 | 32·3 | 38·6 | 31·5 | 34·4 |
| Humidity of the Air - - | 89 | 85 | 91 | 80 | 79 | 81 | 80 | 76 | 81 | 76 | 78 | 84 | 79 |
| Rain-fall (in inches) - - | 0·49 | 0·00 | 0·12 | 0·00 | 0·28 | 0·20 | 0·35 | 0·21 | 0·59 | 0·01 | 0·25 | 0·56 | 0·15 |
| Registered Sunshine (in hours) | 11·1 | 3·5 | 3·4 | 2·2 | 10·2 | 7·0 | 9·4 | 25·8 | 15·1 | 18·0 | 13·3 | 16·5 | 28·9 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox - - - - - | – | – | – | – | – | – | – | – | 1 | 1 | 1 | 1 | – |
| Scarlet Fever - - - - | 3450 | 3253 | 3149 | 3061 | 2964 | 2871 | 2781 | 2674 | 2534 | 2445 | 2419 | 2371 | 2377 |
| Diphtheria - - - - | 1062 | 1023 | 1045 | 1062 | 1044 | 1042 | 1058 | 1061 | 1047 | 1027 | 1024 | 1022 | 1009 |
| Enteric Fever - - - - | 111 | 110 | 109 | 106 | 96 | 93 | 87 | 84 | 82 | 84 | 79 | 72 | 64 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Boobbyer Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S. Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.

LE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTEENTH Week of the Year 1898.

| ES OF DEATH. | Corrected Averages for the 13th Week of the 10 years 1888-97*. | In the Week ending Saturday, 2nd April 1898. Deaths of Persons of the Ages: All Ages. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| ES - - - | 1741·2 | 1883 | 386 | 338 | 84 | 198 | 344 | 424 | 109 |
| Vaccinated† - | – | – | – | – | – | – | – | – | – |
| Unvaccinated | 0·5 | – | – | – | – | – | – | – | – |
| No Statement | 0·4 | – | – | – | – | – | – | – | – |
| - - - - | 61·0 | 115 | 18 | 91 | 5 | 1 | – | – | – |
| ever - - - | 18·9 | 22 | – | 19 | 1 | – | 2 | – | – |
| - - - - | 0·1 | 1 | – | – | – | 1 | – | – | – |
| g Fever - - | – | – | – | – | – | – | – | – | – |
| - - - - | 26·5 | 52 | 2 | 2 | 2 | 4 | 15 | 23 | 4 |
| g-cough - - | 74·5 | 63 | 21 | 39 | 3 | – | – | – | – |
| ia - - | 33·5 | 45 | 3 | 32 | 10 | – | – | – | – |
| Continued and ned Fever - | 0·3 | – | – | – | – | – | – | – | – |
| Fever - - - | 8·1 | 7 | – | – | 2 | 5 | – | – | – |
| and Chol. Diarr. | 0·1 | – | – | – | – | – | – | – | – |
| a, Dysentery - | 11·6 | 9 | 3 | 1 | – | 2 | – | 3 | – |
| nt Fever - - | 0·2 | – | – | – | – | – | – | – | – |
| obia - - - | – | – | – | – | – | – | – | – | – |
| - - - - | – | – | – | – | – | – | – | – | – |
| and Effects of ation - - | 0·1 | 1 | 1 | – | – | – | – | – | – |
| l Affections - - | 10·9 | 9 | 7 | – | – | 2 | – | – | – |
| as - - - | 3·2 | 5 | 1 | – | – | – | 1 | 3 | – |
| and Septicæmia | 2·0 | 2 | 1 | – | – | 1 | – | – | – |
| al Fever - - | 5·1 | 6 | – | – | – | 5 | 1 | – | – |
| ymotic Diseases | 0·8 | 3 | 1 | 2 | – | – | – | – | – |
| - - - - | 1·2 | – | – | – | – | – | – | – | – |
| and other Para- Diseases - | 0·2 | – | – | – | – | – | – | – | – |
| on, Want of -milk - - | 2·5 | 2 | 2 | – | – | – | – | – | – |
| sm - - - | 8·6 | 8 | – | – | – | 1 | 7 | – | – |
| atic Fever, matism of Heart | 8·3 | 3 | – | 1 | – | 1 | 1 | – | – |
| atism - - - | 1·7 | 3 | – | – | – | – | 1 | 2 | – |
| - - - - | 3·2 | 5 | – | – | – | – | 1 | 3 | 1 |
| - - - - | 5·8 | 4 | 1 | 3 | – | – | – | – | – |
| - - - - | 62·4 | 75 | – | 1 | 2 | 9 | 33 | 28 | 2 |
| Mesenterica - - | 19·3 | 16 | 7 | 4 | 4 | 1 | – | – | – |
| ular Meningitis - | 27·7 | 24 | 13 | 7 | 4 | – | – | – | – |
| s - - - - | 168·5 | 160 | 1 | 3 | 11 | 76 | 60 | 9 | – |
| a, Tuberculosis - | 21·9 | 22 | 3 | 10 | 7 | – | 1 | 1 | – |
| Constitutional ses - - | 12·4 | 19 | – | 1 | 4 | 6 | 5 | 3 | – |
| ure Birth - - | 46·6 | 63 | 63 | – | – | – | – | – | – |
| asis - - - | 3·4 | 3 | 3 | – | – | – | – | – | – |
| ital Malforma- - - - | 8·6 | 14 | 13 | 1 | – | – | – | – | – |
| e - - - - | 47·9 | 64 | – | – | – | – | – | 32 | 32 |
| xy - - - | 45·8 | 48 | – | – | – | 3 | 11 | 25 | 9 |
| y - - - - | 8·0 | 3 | – | – | – | 1 | 1 | 1 | – |
| sions - - - | 42·6 | 28 | 21 | 7 | – | – | – | – | – |
| Diseases of Brain Nervous System | 89·8 | 97 | 10 | 13 | 4 | 8 | 20 | 34 | 8 |
| s of Organs of al Sense - | 2·9 | 9 | 1 | 3 | – | 3 | 1 | 1 | – |

| CAUSES OF DEATH | Corrected Averages for the 13th Week of the 10 years 1888-97*. | In the Week ending Saturday, 2nd April 1898. Deaths of Persons of the Ages: All Ages. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 151·8 | 147 | 3 | 1 | 7 | 17 | 52 | 60 | 7 |
| Croup - - - - | 7·5 | – | – | – | – | – | – | – | – |
| Bronchitis - - - | 236·9 | 264 | 48 | 34 | 1 | 6 | 41 | 108 | 26 |
| Pneumonia - - - | 135·6 | 142 | 36 | 42 | 2 | 11 | 25 | 22 | 4 |
| Pleurisy - - - - | 5·6 | 5 | – | 1 | – | 1 | 1 | – | 2 |
| Other Diseases of Respiratory System - | 26·7 | 40 | 7 | 7 | – | 1 | 8 | 16 | 1 |
| Dentition - - - - | 12·8 | 5 | 2 | 2 | 1 | – | – | – | – |
| Quinsy, Sore Throat - | 1·7 | 2 | 1 | 1 | – | – | – | – | – |
| Enteritis - - - - | 10·4 | 27 | 18 | 2 | 2 | 1 | 3 | – | 1 |
| Peritonitis - - - | 6·8 | 2 | – | 1 | – | – | 1 | – | – |
| Diseases of Liver - - | 25·3 | 27 | 1 | – | – | 3 | 13 | 10 | – |
| Other Diseases of Digestive System | 28·4 | 33 | 9 | 2 | 2 | 1 | 7 | 9 | 3 |
| Diseases of Lymphatic System & of Ductless Glands - - - | 9·4 | 4 | – | – | – | – | 2 | 1 | 1 |
| Diseases of Urinary System - - - | 48·5 | 52 | 2 | – | 2 | 9 | 19 | 15 | 5 |
| Diseases of Generative System - - - | 5·2 | 8 | – | – | – | 3 | 3 | 2 | – |
| Accidents of Childbirth- | 4·6 | 2 | – | – | – | 2 | – | – | – |
| Diseases of Locomotive System - - - | 7·4 | 6 | – | 2 | 2 | 2 | – | – | – |
| Diseases of Integumentary System- - | 5·4 | 5 | – | – | – | 1 | 1 | 1 | 2 |
| VIOLENT DEATHS‡ (ACCIDENT.) | | | | | | | | | |
| By Railways - - - | 62·5 | 6 | – | – | 1 | 3 | 2 | – | – |
| By Vehicles or Horses - | | 2 | – | – | – | 1 | – | 1 | – |
| In Ships, Boats, Docks, (exclusive of Drowning) - - - | | 1 | – | – | – | – | – | 1 | – |
| In Building Operations - | | 2 | – | – | – | 1 | – | 1 | – |
| In Conflagrations - - | | – | – | – | – | – | – | – | – |
| By Burns, Scalds, Explosions - - | | 3 | – | 2 | 1 | – | – | – | – |
| By Drowning - - - | | 2 | – | – | – | – | 2 | – | – |
| By Suffocation in Bed - | | 14 | 14 | – | – | – | – | – | – |
| By Poisons or Poisonous Vapours - - | | 2 | – | – | – | 2 | – | – | – |
| Other or not stated causes - - - - | | 14 | 3 | – | 2 | 1 | 2 | 5 | 1 |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - | 1·1 | 1 | 1 | – | – | – | – | – | – |
| Suicide - - - - | 8·3 | 6 | – | – | 1 | 2 | 1 | 2 | – |
| Execution - - - | 0·2 | – | – | – | – | – | – | – | – |
| OTHER CAUSES - - | 49·0 | 49 | 45 | 2 | – | – | – | 2 | – |

e numbers in this column are the average weekly deaths for the ten years 1888-97, raised by 5·230 per cent. for increase ulation.

y those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered l men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the f death is not certified by a registered practitioner, the case is returned under the heading "no statement."

evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of nt, murder manslaughter or suicide. All such cases are classed under "accident."

TABLE 5. LONDON,*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 2nd April, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2860 | 1883 | 386 | 533 | - | 115 | 22 | 45 | 63 | 1 | 7 | - | 9 | 53 | 141 | 544 |
| WEST DISTRICTS - - - | 778,251 | 418 | 349 | 52 | 110 | - | 30 | 7 | 8 | 10 | 1 | 2 | - | 3 | 9 | 15 | 107 |
| NORTH DISTRICTS - - - | 1,040,694 | 634 | 439 | 100 | 127 | - | 32 | 2 | 10 | 17 | - | 4 | - | 1 | 10 | 38 | 113 |
| CENTRAL DISTRICTS - - - | 233,635 | 139 | 106 | 14 | 23 | - | 5 | - | 3 | 3 | - | - | - | - | 5 | 9 | 43 |
| EAST DISTRICTS - - - | 716,334 | 514 | 335 | 90 | 75 | - | 19 | 1 | 2 | 19 | - | - | - | 1 | 8 | 34 | 90 |
| SOUTH DISTRICTS - - - | 1,642,796 | 1155 | 626 | 130 | 185 | - | 29 | 10 | 22 | 14 | - | 1 | - | 4 | 21 | 45 | 163 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | -- | - | 28 | - | 13 | - | - | 2 | - | - | - | - | - | - | - | - | 28 |
| WEST DISTRICTS. | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 64 | 37 | 4 | 14 | - | 4 | - | - | 3 | - | - | - | 1 | 1 | 1 | 6 |
| St. John Paddington *H* - - G. | 33,510 | 12 | 14 | 1 | 6 | - | - | - | 1 | - | - | - | - | - | - | - | 6 |
| Kensington Town *Ww* - - W. | 122,164 | 53 | 58 | 9 | 16 | - | 7 | - | - | 4 | - | - | - | 2 | 1 | 2 | 17 |
| Brompton *HH*- - - W. & C. | 48,301 | 12 | 5 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | 1 | 1 |
| St. Peter Hammersmith - - W. | 9,097 | 6 | 5 | - | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - |
| St. Paul Hammersmith *HH* W. & G. | 35,102 | 65 | 44 | 11 | 10 | - | 8 | - | - | - | - | - | - | - | 1 | 3 | 2 |
| Fulham *Ww* - - - W. & C. | 113,781 | 86 | 70 | 10 | 17 | - | 3 | 7 | 5 | 1 | 1 | - | - | - | 2 | 2 | 30 |
| Chelsea Kensal Town - C. | 21,450 | 11 | 7 | 3 | - | - | 2 | - | - | - | - | - | - | - | - | - | - |
| Chelsea North *WHHHHH* - C. | 42,057 | 31 | 18 | 2 | 7 | - | - | - | - | - | - | - | - | - | - | - | 10 |
| Chelsea South *HH* - - C. | 33,139 | 11 | 23 | 5 | 6 | - | - | - | 1 | 1 | - | - | - | - | 2 | 2 | 5 |
| May Fair *W* - - - - G. | 23,827 | 5 | 16 | - | 9 | - | - | - | - | - | - | - | - | - | 1 | 2 | 14 |
| Belgrave *WHHH* - - - C. | 56,140 | 29 | 21 | 1 | 5 | - | 4 | - | 1 | - | - | 1 | - | - | 1 | 2 | 8 |
| St. John Westminster *HH* - C. | 31,492 | 15 | 8 | 1 | 4 | - | - | - | - | 1 | - | 1 | - | - | - | - | 1 |
| St. Margaret Westminster *H*- C. | 22,097 | 7 | 5 | 2 | - | - | - | - | - | - | - | - | - | - | - | | 3 |
| St. James Westminster *WHH* N. & G. | 23,050 | 9 | 11 | 1 | 10 | - | - | - | - | - | - | - | - | - | - | - | 3 |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 2 | 7 | 1 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | 1 |
| NORTH DISTRICTS. | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - - W. | 36,595 | 7 | 12 | 4 | 4 | - | 2 | - | - | - | - | - | - | - | - | - | 2 |
| Rectory Marylebone *W* G. & W. | 19,798 | 5 | 10 | 1 | 4 | - | - | - | - | 1 | - | 1 | - | - | - | - | 4 |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 39 | 8 | 2 | 5 | - | - | - | - | - | - | - | - | - | - | - | 2 |
| Christchurch Marylebone *H* - W | 32,547 | 17 | 14 | 2 | 5 | - | 1 | - | - | - | - | - | - | - | - | 2 | - |
| St. John Marylebone *HHH* W. | 32,611 | 27 | 9 | 6 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 45 | 36 | 6 | 14 | - | 1 | 2 | 3 | 1 | - | 1 | - | - | 1 | 2 | 15 |
| Regent's Park Pancras *HH* - W. | 37,341 | 15 | 9 | 1 | 2 | - | 1 | - | - | - | - | - | - | - | - | 1 | - |
| Tottenham-court *wHHH* - N. & W. | 26,757 | 9 | 16 | 3 | 7 | - | - | - | - | - | - | - | - | - | - | 1 | 7 |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 14 | 18 | 4 | 5 | - | 1 | - | 1 | - | - | - | - | - | 3 | 4 | 5 |
| Somers Town *HH* - - - N. | 32,161 | 12 | 15 | 4 | 4 | - | - | - | - | - | - | - | - | - | - | 4 | 6 |
| Camden Town *WH* - - N. | 16,669 | 13 | 10 | - | 7 | - | - | - | - | - | - | - | - | - | - | 1 | 7 |
| Kentish Town *WW* - - N. | 98,410 | 71 | 44 | 9 | 8 | - | 2 | - | 1 | 3 | - | - | - | - | - | 2 | 10 |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 69 | 74 | 18 | 18 | - | 11 | - | - | 4 | - | - | - | - | 2 | 8 | 35 |
| Islington South-west H - N. | 107,365 | 63 | 32 | 6 | 9 | - | 2 | - | - | - | - | - | - | 1 | - | 2 | - |
| Islington South-east - - N. | 66,549 | 41 | 21 | 6 | 7 | - | 3 | - | - | 3 | - | - | - | - | 2 | 2 | - |
| Highbury *HH* - - - N. | 64,577 | 26 | 17 | 6 | 5 | - | 1 | - | - | 2 | - | - | - | - | - | 1 | - |
| Stoke Newington *H* - N. | 33,485 | 17 | 5 | 1 | - | - | 1 | - | - | 1 | - | - | - | - | - | - | - |
| North Hackney - - E. & N. | 213,044 | 19 | 14 | 3 | 5 | - | 2 | - | - | - | - | - | - | - | - | 2 | - |
| Central Hackney *ww* - E. & N. | | 29 | 19 | 5 | 4 | - | - | - | 5 | 1 | - | 1 | - | - | 1 | 2 | 4 |
| South-west Hackney *HHH* E. & N. | | 51 | 26 | 6 | 5 | - | 3 | - | - | - | - | - | - | - | - | 2 | 5 |
| South-east Hackney *WwH* E.&N. | | 45 | 30 | 7 | 8 | - | 1 | - | - | 1 | - | 1 | - | - | 1 | 1 | 11 |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers are received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. The Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River; E. East London; and K. the Kent Company.

* See note † on first page of this Return.

E 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES CARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each UB-DISTRICT during the Week ending Saturday, 2nd April, 1898—*continued.*

| GISTRATION SUB-DISTRICTS | Enumerated Population. 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week nclude: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Continued Simple Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CENTRAL DISTRICTS. | | | | | | | | | | | | | | | | | | |
| eorge Bloomsbury - - N. | 16,110 | 5 | 5 | 2 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| iles South *WH* - - - N. | 12,976 | 4 | 13 | 2 | 3 | – | 2 | – | – | – | – | – | – | – | – | – | 8 | – |
| iles North *H* - - - N. | 9,151 | 5 | 2 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| artin-in-the-Fields *HH* N. & C. | 13,077 | 4 | 5 | – | – | – | – | – | – | – | – | – | – | – | 1 | 1 | 5 | – |
| d *WHH* - - - - N. | 11,839 | 7 | 9 | – | – | – | – | – | – | – | – | – | – | – | 2 | 3 | 5 | – |
| *d Union Workhouse, Edmonton* | †*1,037* | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| orn *wHHHHHHH* - N. | 31,042 | 20 | 20 | 3 | 2 | – | – | – | 1 | – | – | – | – | – | – | – | 12 | – |
| mes Clerkenwell - - N. | 15,777 | 12 | 4 | – | 1 | – | 1 | – | – | – | – | – | – | – | – | 1 | – | – |
| ell Clerkenwell - - N. | 34,356 | 18 | 5 | 1 | 2 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| ell-street - - - N. | 16,069 | 14 | 7 | 3 | 4 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| road *HHHL* - - - N. | 29,897 | 42 | 12 | 1 | 2 | – | 1 | – | – | 1 | – | – | – | – | – | 1 | 1 | – |
| ecross-street - - - N. | 7,595 | 2 | 2 | – | 1 | – | – | – | – | 1 | – | – | – | – | – | – | – | – |
| bury - - - - - N. | 4,035 | 2 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| *orn Union Workhouse, cham* - - - - | †*892* | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| otolph *H* - - N. & E. | 6,870 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| legate - - - - N. | 3,299 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| pulchre *WH* - - - N. | 9,591 | 1 | 14 | 1 | 2 | – | – | – | 2 | – | – | – | – | – | 1 | 2 | 12 | 1 |
| llows Barking - - - N. | 9,059 | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| l Street *H* - - - N. | 2,892 | – | 3 | – | 2 | – | – | – | – | 1 | – | – | – | – | – | – | – | – |
| *of London Asylum, Stone* - - | †*388* | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| EAST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| editch South *Hl* - E. & N. | 17,975 | 10 | 5 | 3 | – | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| on New Town *w* - - N. | 29,575 | 32 | 13 | 3 | 3 | – | – | – | – | – | – | – | – | – | 2 | 5 | 2 | – |
| on Old Town - - - N. | 27,645 | 30 | 11 | 5 | 2 | – | – | – | 1 | 1 | – | – | – | – | – | – | – | – |
| erston *WH* - - N. & E. | 47,163 | 41 | 23 | 8 | 7 | – | 2 | – | – | 1 | – | – | – | – | 1 | 3 | 9 | – |
| nal Green North *H* - E. | 49,301 | 38 | 25 | 11 | 4 | – | 1 | – | – | 1 | – | – | – | – | – | 3 | 1 | – |
| nal Green South - - E. | 34,194 | 17 | 18 | 6 | – | – | 9 | – | – | – | – | – | – | – | – | 1 | – | – |
| nal Green East *WHl* - E. | 45,667 | 20 | 19 | 4 | 6 | – | – | – | 1 | – | – | – | – | – | – | – | 8 | – |
| lfields - - - E. & N. | 26,681 | 16 | 8 | 2 | 2 | – | – | – | – | 2 | – | – | – | – | – | 2 | – | – |
| End New Town *W* - E. | 12,816 | 13 | 10 | 1 | 3 | – | – | – | – | – | – | – | – | 1 | – | – | 9 | – |
| echapel Church *H* - E. & N. | 25,561 | 22 | 18 | 5 | 2 | – | 1 | – | – | – | – | – | – | – | 1 | 1 | 13 | – |
| man's Fields - - - E. | 13,618 | 6 | 5 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| eorge's North - - - E. | 39,576 | 36 | 14 | 6 | 1 | – | – | – | – | 1 | – | – | – | – | – | – | – | – |
| ohn, St. George East *W* E. | 7,930 | 6 | 11 | 3 | 3 | – | – | – | – | – | – | – | – | – | – | – | 6 | – |
| well *H* - - - E. & N. | 10,434 | 8 | 9 | 3 | – | – | – | – | – | 1 | – | – | – | – | – | – | 8 | – |
| liff *W* - - - - E. | 14,954 | 9 | 4 | 2 | – | – | – | – | – | – | – | – | – | – | – | 2 | – | – |
| house - - - - - E. | 32,917 | 24 | 20 | 5 | 5 | – | 1 | – | – | 2 | – | – | – | – | 1 | 4 | – | – |
| End Old Town West *H* E. | 111,060 | 37 | 15 | 3 | 3 | – | – | – | – | 3 | – | – | – | – | – | 1 | – | – |
| End Old Town East *Www* - E. | | 36 | 28 | 7 | 12 | – | 1 | – | – | 2 | – | – | – | – | 1 | 3 | 10 | – |
| *l* - - - - E. | 41,687 | 30 | 18 | 1 | 7 | – | 1 | – | – | 1 | – | – | – | – | – | 1 | 2 | – |
| nley *wwwH* - - - E. | 69,821 | 49 | 42 | 5 | 13 | – | 3 | – | – | 4 | – | – | – | – | 2 | 4 | 21 | – |
| ar *WW* - - - - E. | 57,759 | 34 | 19 | 6 | – | – | – | 1 | – | – | – | – | – | – | – | 3 | 1 | – |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEAS SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in SUB-DISTRICT during the Week ending Saturday, 2nd April, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WHL*.&S. | 13,064 | 10 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| St. Saviour Southwark - - S. | 12,301 | 9 | 3 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – |
| Kent-road - - - - S. & L. | 22,879 | 23 | 8 | 1 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – |
| Borough-road *WH* - S. & L | 16,083 | 19 | 16 | 5 | 1 | – | 1 | – | 1 | 2 | – | – | – | – | 1 | 2 | 10 |
| London-road *HL* - - L. & S. | 21,316 | 10 | 7 | – | 2 | – | – | – | – | – | – | – | – | – | – | 2 | 1 |
| Trinity Newington - - S. & L. | 28,723 | 21 | 5 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| St. Peter Walworth *W* - S. & L. | 42,045 | 49 | 18 | 7 | 3 | – | – | – | – | – | – | – | – | 1 | – | 1 | – |
| St. Mary Newington- - L. & S. | 30,171 | 26 | 12 | 4 | 5 | – | – | – | – | – | – | – | – | – | – | 2 | – |
| St. Olave *WH* - - - - S. | 11,731 | 13 | 14 | 3 | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 | 11 |
| Leather Market *W* - S & L. | 32,339 | 31 | 12 | 2 | 4 | – | – | – | – | – | – | – | – | – | – | – | 2 |
| St. James Bermondsey - - S. | 53,136 | 47 | 13 | 5 | 4 | – | 1 | – | – | – | – | – | – | – | 1 | 2 | – |
| Rotherhithe *WwH* - S. & K. | 40,579 | 27 | 25 | 5 | 6 | – | – | 1 | – | 1 | – | – | – | – | 1 | 1 | 11 |
| Waterloo-road *HH* - L. & S. | 28,396 | 24 | 9 | 5 | 3 | – | – | – | – | 1 | – | – | – | – | – | – | 1 |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 8 | 19 | 1 | 3 | – | – | – | 1 | – | – | – | – | 1 | 3 | 4 | 13 |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 26 | 32 | 6 | 10 | – | – | – | – | 1 | – | – | – | – | – | 2 | 18 |
| Kennington 1st *H* - - S. & L. | 52,486 | 37 | 11 | 2 | 3 | – | 2 | – | – | – | – | – | – | 1 | – | 1 | – |
| Kennington 2nd - - S. & L. | 43,244 | 24 | 11 | 1 | 3 | – | – | – | – | – | – | – | – | – | 1 | 1 | – |
| Brixton *w* - - - L. & S | 81,825 | 60 | 30 | 7 | 13 | – | 2 | 1 | 1 | – | – | – | – | – | 2 | 3 | 1 |
| Norwood *WH* - - - - L. | 29,318 | 17 | 7 | 1 | 3 | – | – | – | 1 | – | – | – | – | – | – | – | 2 |
| East Battersea - - - - S. | 71,730 | 65 | 14 | 4 | 3 | – | 3 | – | – | – | – | – | – | – | – | 1 | – |
| West Battersea *WwH* - - S | 93,985 | 87 | 36 | 5 | 11 | – | 5 | – | 1 | – | – | – | – | – | 1 | 5 | 9 |
| Clapham *H* - - - - S. | 46,953 | 25 | 14 | 2 | 8 | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Wandsworth *WHHL* - - S. | 58,101 | 47 | 19 | 5 | 6 | – | 2 | – | 1 | – | – | – | – | – | – | – | 2 |
| Putney - - - - - S. | 20,566 | 14 | 7 | 1 | 2 | – | – | – | – | 1 | – | – | – | – | – | 1 | – |
| Streatham *Wwww* - - - L. | 61,644 | 26 | 27 | 6 | 5 | – | 2 | 1 | 5 | – | – | – | – | – | – | – | 8 |
| Dulwich - - - - L. & S. | 7,519 | 2 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| Camberwell *Wwll* - S. & L. | 90,286 | 53 | 50 | 2 | 20 | – | 2 | – | – | – | – | 1 | – | – | – | 1 | 33 |
| Peckham *WW* - S., L., & K. | 88,242 | 51 | 26 | 6 | 10 | – | 2 | – | – | 2 | – | – | – | – | – | – | 1 |
| St. George Camberwell - L. & S. | 67,029 | 47 | 13 | 3 | 4 | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Deptford North - - - K. | 36,152 | 32 | 13 | 4 | 1 | – | 2 | – | 1 | – | – | – | – | – | – | – | – |
| Deptford Central *w* - - K. | 45,441 | 30 | 22 | 8 | 3 | – | 2 | 1 | 1 | 2 | – | – | – | – | 4 | 5 | 3 |
| Deptford South - - - K. | 33,402 | 15 | 11 | 2 | 3 | – | – | – | – | – | – | – | – | – | 3 | 3 | – |
| Greenwich West *H* - - K. | 23,012 | 20 | 10 | 3 | 3 | – | – | – | – | – | – | – | – | – | – | – | – |
| Greenwich East *WH* - - K. | 37 767 | 22 | 25 | 6 | 9 | – | 1 | – | – | 1 | – | – | – | – | 2 | 3 | 12 |
| Eltham *wH* - - - - K | 5,911 | 2 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Lee *H* - - - - - K. | 24,222 | 4 | 8 | 1 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | 1 |
| Lewisham *WwH* - - - K. | 38,139 | 37 | 11 | – | 4 | – | – | 4 | 2 | 1 | – | – | – | – | – | – | 7 |
| Sydenham *H* - - - - L. | 37,601 | 19 | 10 | 3 | 5 | – | – | – | – | – | – | – | – | 1 | – | – | – |
| Charlton *wHH* - - K. | 15,928 | 14 | 13 | 1 | 1 | – | – | 1 | 7 | – | – | – | – | – | 1 | 1 | 8 |
| Woolwich Dockyard - - K. | 19,355 | 11 | 3 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 14 | 6 | – | 1 | – | – | – | – | – | – | – | – | – | – | 1 | 2 |
| Plumstead West *H* - - K. | 16,714 | 10 | 4 | 2 | 1 | – | – | – | – | 1 | – | – | – | – | – | – | – |
| Plumstead East *WH* - - K. | 42,538 | 27 | 29 | 7 | 12 | – | – | 1 | – | 1 | – | – | – | – | – | – | 7 |
| Banstead Asylum - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Caterham Asylum - - - - | — | – | 4 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 4 |
| Cane Hill Asylum - - - - | — | – | 1 | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | 1 |
| Hospital Ships and Camp, Dartford | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Darenth Asylum - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Hanwell Asylum - - - - | — | – | 3 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 3 |
| Colney Hatch Asylum - - - | — | – | 6 | – | 4 | – | – | – | – | – | – | – | – | – | – | – | 6 |
| N.E. Hospital - - - - | — | – | 2 | – | – | – | – | 2 | – | – | – | – | – | – | – | – | 2 |
| Winchmore Hill Hospital - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Leavesden Asylum - - - - | — | – | 4 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 4 |
| Claybury Asylum - - - - | — | – | 8 | – | 4 | – | – | – | – | – | – | – | – | – | – | – | 8 |

8.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, OSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ding Saturday, 2nd April, 1898.

| REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years & upwds. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NDON—OUTER RING - | 368,749 | 1,422,063 | 1,054 | 565 | 143 | 146 | - | 33 | 1 | 15 | 14 | 6 | 5 | 15 | 37 | 77 | 9 |
| Carshalton *wHH* - - | 12,228 | 26,108 | 10 | 7 | 1 | 4 | - | - | - | - | - | - | - | - | - | - | - |
| Epsom, *part of** *WwHH* - | 10,423 | 12,508 | 5 | 7 | 1 | 5 | - | - | - | - | - | - | - | - | - | 6 | - |
| Godstone, *part of** *W* - | 2,754 | 1,598 | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| Croydon *WwHHH* - - | 20,851 | 128,699 | 69 | 44 | 10 | 16 | - | 1 | 1 | 1 | 3 | - | - | - | 4 | 2 | - |
| Mitcham *w* - - - | 11,697 | 23,088 | 11 | 10 | 1 | 5 | - | - | - | - | - | - | 1 | - | - | - | - |
| Wimbledon *HHH* - - | 3,220 | 25,761 | 24 | 16 | 4 | 6 | - | 1 | - | - | - | - | - | 1 | 2 | - | - |
| Kingston *W* - - - | 8,071 | 33,566 | 31 | 14 | 2 | 4 | - | 1 | - | - | - | - | - | - | - | 5 | - |
| Surbiton *H*- - - - | | 11,199 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Esher, *part of** *HH* - - | 6,601 | 12,059 | 5 | 5 | 1 | 2 | - | 1 | - | 1 | - | - | - | - | - | - | - |
| Hampton *HL* - - - | 4,565 | 18,252 | 17 | 2 | - | - | - | - | - | 1 | 1 | - | - | - | - | - | - |
| Richmond *WH*- - - | 2,160 | 25,389 | 17 | 12 | 3 | 5 | - | 1 | - | - | - | - | - | - | - | 8 | - |
| Mortlake *H* - - - | 2,823 | 16,159 | 11 | 6 | 1 | 2 | - | - | - | - | - | - | - | - | 1 | - | - |
| Bromley *HHH* - - - | 9,127 | 23,815 | 14 | 7 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| Beckenham *H* - - - | 6,542 | 21,969 | 17 | 9 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | 1 |
| Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 16 | 7 | 3 | 1 | - | - | - | - | - | - | - | - | 1 | 1 | 1 |
| Bexley *HHH* - - - | 12,540 | 30,590 | 28 | 14 | 5 | 4 | - | - | - | - | - | 1 | 1 | - | - | - | - |
| Dartford *WH*, part of* - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Sunbury *w* - - - | 11,054 | 13,671 | 10 | 8 | 2 | 1 | - | - | - | - | 1 | - | - | 1 | 1 | - | - |
| Staines *WH* - - - | 13,277 | 13,221 | 6 | 9 | 4 | 4 | - | 1 | - | - | - | - | - | 1 | 1 | 2 | 1 |
| Hillingdon *WHH* - - | 6,035 | 12,237 | 7 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | - |
| Uxbridge - - - - | 12,757 | 7,253 | 7 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| Hayes *wH*- - - - | 7,952 | 11,051 | 12 | 4 | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - |
| Isleworth *WHH* - - | 6,967 | 26,004 | 15 | 16 | 4 | 6 | - | 2 | - | 1 | - | - | - | 1 | 1 | 8 | - |
| Twickenham *HH* - - | 2,415 | 16,027 | 8 | 5 | 2 | 1 | - | 2 | - | - | 1 | - | - | - | - | - | - |
| Brentford *HHHH* - - | 4,318 | 37,777 | 16 | 9 | 2 | 1 | - | - | - | - | - | - | - | - | - | 2 | - |
| Chiswick - - - - | 1,245 | 21,963 | 16 | 9 | 2 | - | - | 2 | - | - | - | - | - | 1 | 1 | - | - |
| Acton *wH* - - - - | 6,132 | 30,945 | 17 | 10 | 1 | 5 | - | - | - | - | - | - | - | - | - | - | - |
| Harrow *HHH* - - - | 13,809 | 15,715 | 8 | 3 | - | 3 | - | - | - | - | - | - | 1 | - | - | 1 | - |
| Edgware *HH* - - - | 6,994 | 3,844 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Willesden *HHH* - - | 4,383 | 61,265 | 61 | 23 | 13 | 3 | - | 3 | - | 1 | 2 | - | 1 | - | 1 | - | - |
| Hendon *WH* - - - | 8,382 | 15,843 | 15 | 7 | 1 | 3 | - | - | - | - | - | - | - | - | - | 2 | - |
| South Mimms *HH* - - | 21,077 | 6,367 | 3 | 2 | - | - | - | 1 | - | - | - | - | - | - | - | - | - |
| Barnet *WHH* - - - | | 14,152 | 11 | 6 | 2 | 3 | - | - | - | - | - | - | - | - | - | - | - |
| Finchley *HHH*- - - | 4,688 | 25,820 | 18 | 6 | 1 | 4 | - | - | - | - | - | 1 | - | - | - | 1 | - |
| Hornsey *HH* - - - | 3,039 | 61,097 | 51 | 16 | 1 | 5 | - | 2 | - | 1 | 1 | - | - | - | - | - | - |
| Tottenham *HH*- - - | 4,642 | 97,174 | 66 | 35 | 8 | 9 | - | 1 | - | 1 | 1 | - | - | - | 2 | 3 | - |
| Edmonton *Www* - - | 7,489 | 36,351 | 30 | 24 | 5 | 2 | - | - | - | - | 1 | 1 | - | 3 | 4 | 5 | - |
| Enfield *WWHH* - - | 12,602 | 31,536 | 30 | 13 | 7 | 1 | - | - | - | - | - | - | - | 1 | 4 | - | - |
| Waltham Abbey - - - | 11,017 | 6,066 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Cheshunt *H* - - - | 8,480 | 9,620 | 4 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | 1 |
| Hatfield, *part of** *W*- - | 3,306 | 582 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Bushey *H* - - - - | 9,331 | 7,737 | 4 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Watford *WH*, part of* - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Stratford *H* - - - | 4,706 | 38,612 | 42 | 19 | 5 | 2 | - | 1 | - | - | - | 1 | - | 1 | 2 | 2 | 3 |
| Plaistow *WHH*- - - | | 58,030 | 50 | 19 | 4 | 3 | - | - | - | 1 | 1 | 1 | - | 2 | 4 | - | - |
| Canning Town *H* - - | | 54,750 | 49 | 20 | 8 | 4 | - | - | - | - | - | - | 1 | 3 | 3 | - | 1 |
| Forest Gate *w* - - - | | 53,511 | 28 | 17 | 8 | 5 | - | - | - | 1 | - | - | - | - | - | - | 1 |
| East Ham *wH*- - - | 3,266 | 32,713 | 37 | 23 | 9 | 5 | - | 5 | - | 1 | - | - | - | - | 1 | - | - |
| Leyton *WWWwH* - - | 4,334 | 70,188 | 52 | 40 | 7 | 9 | - | 4 | - | 2 | 1 | 1 | - | - | 3 | 9 | - |
| Walthamstow *HHL*- - | 6,501 | 57,330 | 52 | 28 | 5 | 4 | - | 3 | - | 2 | 1 | - | - | - | - | 3 | - |
| Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 11 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Epping *WH*, part of*- - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Romford, *part of** *WH* - | 6,556 | 4,324 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Ilford - - - - - | 8,493 | 10,913 | 17 | 2 | 1 | - | - | - | - | - | - | - | - | - | 1 | - | - |
| Barking Town, *H* - - | 3,814 | 14,301 | 19 | 3 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| Eastern Fever Hosp. - - | — | — | - | 1 | - | - | - | - | - | 1 | - | - | - | - | - | 1 | - |
| Middlesex Co. Lunatic Asy. Wandsworth. | — | — | - | 13 | - | 4 | - | - | - | - | - | - | - | - | - | 13 | - |

he parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring s follows:—30: 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37: 1, the parishes of Warlingham Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst istrict, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in eld sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for tious Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford; and 187; 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 2nd April, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | ANNUAL RATE of MORTALITY per 1000 living. From All Causes. | From Diseases in Cols. 8-14. | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. |
| **GREATER LONDON** | **443,421** | **6,408,321** | **19·9** | **2·7** | **2448** | **529** | **679** | **–** | **148** | **23** | **60** | **77** | **14** | **14** | **68** |
| INNER LONDON - | 74,672 | 4,504,766 | 21·8 | 3·0 | 1883 | 386 | 533 | – | 115 | 22 | 45 | 63 | 8 | 9 | 53 |
| OUTER RING - | 368,749 | 1,903,555 | 15·5 | 2·0 | 565 | 143 | 146 | – | 33 | 1 | 15 | 14 | 6 | 5 | 15 |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

| CITIES | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. (Exclusive of Stillborn) | DEATHS. (Exclusive of Stillborn) | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM PRINCIPAL ZYMOTIC DISEASES. Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 295,628 | April 2 | 179 | 130 | 22·9 | – | 3 | – | 1 | 1 | – |
| GLASGOW - - | 724,349 | „ 2 | 494 | 363 | 26·1 | – | 20 | 8 | 2 | 14 | 4 |
| DUBLIN - - | 349,594 | „ 2 | 293 | 235 | 35·1 | – | – | 3 | 4 | 5 | 4 |
| CALCUTTA - - | 466,460 | February 5 | – | 271 | 30·3 | 2 | 1 | – | – | – | 69 |
| BOMBAY - - | 821,764 | March 8 | 123 | 2155 | 136·4 | 1 | 14 | ? | ? | ? | 1363‡ |
| MADRAS - - | 452,518 | February 25 | 247 | 332 | 38·1 | 3 | 22 | ? | ? | ? | 122 |
| PARIS - - - | 2,511,629 | March 26 | 1080 | 1025 | 21·2 | – | 22 | 3 | 3* | 8 | 3 |
| BRUSSELS - - | 531,024 | „ 26 | 261 | 159 | 15·6 | – | 2 | – | 1* | – | – |
| AMSTERDAM - | 505,326 | „ 19 | 299 | 182 | 18·8 | – | – | – | – | 3 | – |
| ROTTERDAM - | 290,004 | „ 19 | 211 | 112 | 20·1 | – | – | – | – | 3 | – |
| THE HAGUE - | 191,529 | „ 19 | 126 | 70 | 18·9 | – | – | – | 1 | 1 | 2 |
| COPENHAGEN - | 340,500 | „ 26 | – | – | – | – | – | – | – | – | – |
| STOCKHOLM - | 274,611 | „ 19 | 159 | 103 | 19·5 | – | – | 2 | 2* | 2 | 3 |
| CHRISTIANIA - | 192,141 | „ 26 | 107 | 70 | 18·9 | – | 3 | – | 1 | 3 | – |
| ST. PETERSBURG | 954,400 | „ 19 | 610 | 591 | 32·3 | 1 | 12 | 15 | 14 | – | 36 |
| MOSCOW - - | 988,610 | „ 19 | – | 536 | 28·3 | 2 | 7 | 6 | 19 | 2 | 11 |
| BERLIN - - | 1,753,775 | „ 12 | 934 | 585 | 17·3 | – | 1 | 7 | 19 | 6 | 1 |
| HAMBURG - - | 661,015 | „ 26 | – | 226 | 17·3 | – | 4 | – | 1* | 1 | – |
| DRESDEN - - | 377,500 | „ 5 | 247 | 132 | 18·1 | – | 1 | – | 2* | – | – |
| BRESLAU - - | 392,795 | „ 26 | – | – | – | – | – | – | – | – | – |
| MUNICH - - | 430,000 | „ 26 | – | – | – | – | – | – | – | – | – |
| VIENNA - - | 1,574,129 | „ 26 | 1021 | 764 | 25·2 | – | 32 | 7 | 13* | 1 | 2 |
| PRAGUE - - | 377,109 | „ 26 | – | – | – | – | – | – | – | – | – |
| BUDA-PESTH - | 648,104 | „ 19 | 480 | 278 | 22·3 | – | 3 | 2 | 5 | 1 | 4 |
| TRIESTE - - | 164,491 | „ 19 | 112 | 104 | 32·9 | – | – | – | 2* | – | 1 |
| ROME - - - | 489,965 | February 19 | 248 | 322 | 34·3 | 1 | 7 | – | 1 | – | 1 |
| TURIN (10 days) | 344,203 | „ 10 | 222 | 242 | 25·7 | – | 3 | – | 1 | – | 2 |
| VENICE - - | 167,074 | March 12 | 69 | 63 | 19·7 | – | – | – | – | – | – |
| CAIRO - - | 570,062 | January 14 | – | – | – | – | – | – | – | – | – |
| ALEXANDRIA - | 319,766 | „ 14 | – | – | – | – | – | – | – | – | – |
| NEW YORK (including BROOKLYN) | 3,438,899 | March 12 | 1518 | 1223 | 18·6 | – | 22 | 11 | 36 | 10 | 5 |
| PHILADELPHIA - | 1,240,266 | „ 12 | – | 464 | 19·5 | – | 19 | 2 | 26 | 1 | 7 |

* Including deaths from croup.
† Including 11 deaths from cholera in Calcutta, 4 in Bombay, and 3 in Madras.
‡ Including 1283 deaths from bubonic fever.

| 1898. Month and Day. | Phases of the Moon. | Mean daily reading (corrected and reduced to 32° Fahrenheit). | Of the Air. High-est. | Low-est. | Daily Range. | Mean daily value. | Departure from Average of 50 years. | Of the Dew point. Mean daily value. | the Air Temperature and Dew Point Temperature. Mean daily value. | Great-est. | Least. | Degree of Humidity (Saturation equals 100). | Of Radiation. Highest in Sun's Rays. | Lowest on the Grass. | Of the Earth 3 feet below the Surface. | Osler's. General Direction. A.M. | P.M. | Pressure on the Square Foot. Great-est. | Least. | Mean of 24 hourly obs. | Robinson's. Horizontal Movement of the Air on each Day. | Departure from Average of 16 Years. | Corrected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| March | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| Sunday - 27 | .. | 29·259 | 41·7 | 35·4 | 6·3 | 37·1 | − 6·2 | 35·7 | 1·4 | 3·2 | 1·0 | 95 | 60·9 | 34·5 | 42·20 | NNE, ENE. & NE. | NE., NNE. & N. | 3·0 | 0·0 | 0·3 | 335 | + 35 | 0·11 | 0·0 |
| Monday - 28 | Greatest Dec. N. | 29·266 | 38·2 | 34·3 | 3·9 | 36·1 | − 7·6 | 33·6 | 2·5 | 4·6 | 1·5 | 91 | 44·1 | 32·7 | 42·00 | N. | S., SSW. & SW. | 0·9 | 0·0 | 0·0 | 163 | −136 | 0·04 | 0·0 |
| Tuesday - 29 | Apogee | 29·306 | 48·8 | 34·8 | 14·0 | 40·8 | − 3·3 | 33·5 | 7·3 | 14·5 | 1·8 | 75 | 90·2 | 30·0 | 41·95 | SSW. & SW. | WSW. & SW. | 1·3 | 0·0 | 0·0 | 160 | −139 | 0·00 | 0·0 |
| Wednesday 30 | First Quarter. | 29·396 | 53·4 | 30·7 | 22·7 | 41·8 | − 2·8 | 33·3 | 8·5 | 17·8 | 0·0 | 72 | 104·0 | 26·0 | 41·89 | SW., calm & variable. | SE. & ESE. | 0·6 | 0·0 | 0·0 | 144 | −154 | 0·00 | 0·0 |
| Thursday - 31 | .. | 29·601 | 50·3 | 36·8 | 13·5 | 43·1 | − 1·9 | 34·1 | 9·0 | 17·4 | 0·0 | 71 | 100·2 | 33·0 | 42·00 | ESE. & E. | ESE., E. & ENE. | 5·9 | 0·0 | 0·3 | 292 | − 6 | 0·00 | 0·0 |
| April Friday - 1 | ... | 29·714 | 50·8 | 33·2 | 17·6 | 41·3 | − 4·1 | 35·4 | 5·9 | 13·4 | 0·0 | 80 | 88·5 | 28·2 | 42·22 | ENE., NE. & NNE. | ENE. | 0·2 | 0·0 | 0·0 | 106 | −192 | 0·00 | 0·0 |
| Saturday - 2 | .. | 29·612 | 55·0 | 35·3 | 19·7 | 44·7 | − 1·0 | 35·8 | 8·9 | 16·6 | 0·3 | 71 | 96·0 | 30·0 | 42·50 | N., variable & NNE. | NNW., NW. & WNW. | 2·8 | 0·0 | 0·1 | 201 | − 96 | 0·00 | 0·0 |
| Means - - | | 29·451 | 48·3 | 34·4 | 14·0 | 40·7 | − 3·8 | 34·5 | 6·2 | 12·5 | 0·7 | 79 | 83·4 | 30·6 | 42·11 | Variable. | | .. | .. | .. | Sum 1401 | Sum −688 | Sum 0·15 | 0·0 |
| No. of Column - | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| Date. March | | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | General Remarks. |
|---|---|---|---|---|---|
| Sunday - | 27 | v. N. and w. P. till 8h. P.M.; m. P. afterwards. | 0·1 | 12·6 | Overcast; showery. |
| Monday - | 28 | w. P. till 5h. A.M.; v. P. and w. N. till 11h. A.M.; m. P. generally afterwards. | 0·0 | 12·6 | Overcast. Gloomy and showery. |
| Tuesday - | 29 | m. P. generally till 7h. P.M.; s. P. afterwards. | 3·1 | 12·7 | Overcast in morning; fine and partially cloudy till evening; cloudless at night. Lunar halo in evening. |
| Wednesday | 30 | s. P. till 11h. A.M.; m. P. afterwards. | 8·4 | 12·7 | Cloudless and very cold with hoar frost in early morning; dense fog between 7h. A.M. and 9½h. A.M.; very fine afterwards with few light clouds. |
| Thursday - | 31 | m. P. throughout - | 9·6 | 12·8 | Cloudy in morning; fine throughout day with small amounts of cloud at times; cloudless at night. Solar halo visible about noon. |
| April Friday - | 1 | m. P. till 5h. A.M.; s. P. generally afterwards. | 4·5 | 12·9 | Hoar frost in early morning; dense fog between 6h. A.M. and 8h. A.M.; very fine and generally cloudless during the day; slightly foggy at night. |
| Saturday - | 2 | v. P. generally - | 3·2 | 12·9 | Fine; generally cloudy. Slightly foggy in morning. |
| | | | Sum 28·9 | Sum 89·2 | |
| No. of Col. - | - | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer increased from 29·15 in. at the beginning of the week to 29·75 in. by 9h. A.M. on the 1st of April; decreased to 29·58 in. by 4h. P.M. on the 2nd; and was 29·62 in. at the end of the week.

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1898.

OFFICIAL COPY.

# WEEKLY RETURN

OF

# BIRTHS AND DEATHS IN LONDON

AND IN

## THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

*Printed under the Superintendence of Her Majesty's Stationery Office,*
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No. 14. 1898. Vol. LIX.] Week ending Saturday, April 9. [Price 1½*d.*

*General Register Office, Somerset House,*
*April 12th,* 1898.

### Thirty-three Great Towns.

The deaths registered last week in Thirty-three Great Towns of England and Wales corresponded to an annual rate of 20·2 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| Towns. | Weeks ending Mar. 19. | Mar. 26. | April 2. | April 9. | Towns. | Weeks ending Mar. 19. | Mar. 26. | April 2. | April 9. |
|---|---|---|---|---|---|---|---|---|---|
| 33 Great Towns | 21·8 | 20·2 | 21·5 | 20·2 | Leicester - - | 19·0 | 17·2 | 18·5 | 21·0 |
| Birkenhead - | 19·8 | 16·6 | 24·9 | 17·0 | Liverpool - - | 25·7 | 23·0 | 30·7 | 27·7 |
| Birmingham - | 23·8 | 19·2 | 21·3 | 22·9 | London - - - | 21·6 | 20·0 | 21·8 | 19·6 |
| Blackburn - | 18·0 | 14·5 | 21·9 | 17·2 | Manchester - - | 24·6 | 18·9 | 23·2 | 18·7 |
| Bolton - - | 22·6 | 19·2 | 22·6 | 20·4 | Newcastle-on-Tyne | 19·2 | 19·9 | 17·3 | 22·9 |
| Bradford - | 23·4 | 25·4 | 22·8 | 21·9 | Norwich - - | 25·7 | 15·9 | 18·2 | 15·9 |
| Brighton - | 20·5 | 24·7 | 19·6 | 17·5 | Nottingham - - | 22·7 | 21·4 | 21·2 | 19·9 |
| Bristol - | 23·5 | 23·9 | 22·4 | 19·7 | Oldham - - | 30·9 | 25·0 | 18·6 | 14·1 |
| Burnley - | 15·2 | 15·2 | 20·9 | 20·5 | Plymouth - - | 16·3 | 24·2 | 22·6 | 23·7 |
| Cardiff - - | 23·5 | 21·1 | 17·6 | 15·3 | Portsmouth - - | 15·6 | 17·6 | 16·8 | 12·6 |
| Croydon - | 13·8 | 15·5 | 15·5 | 18·0 | Preston - - | 19·7 | 25·1 | 22·9 | 21·1 |
| Derby - - | 23·9 | 12·9 | 20·9 | 23·4 | Salford - - - | 21·3 | 20·5 | 19·6 | 25·6 |
| Gateshead - | 15·6 | 19·1 | 15·6 | 16·1 | Sheffield - - | 22·8 | 20·9 | 19·3 | 23·0 |
| Halifax - | 22·1 | 20·5 | 18·3 | 18·9 | Sunderland - - | 20·7 | 22·5 | 19·9 | 19·9 |
| Huddersfield - | 17·3 | 17·3 | 15·3 | 20·4 | Swansea - - | 27·1 | 31·2 | 25·6 | 16·4 |
| Hull - - | 25·6 | 20·6 | 18·1 | 20·9 | West Ham - - | 17·8 | 18·2 | 14·7 | 14·7 |
| Leeds - - | 18·8 | 18·3 | 24·4 | 23·5 | Wolverhampton - | 22·5 | 16·6 | 25·5 | 19·5 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·0 in Huddersfield and in Gateshead, 1·1 in Bradford, in Hull, and in Sunderland, 1·2 in Newcastle-on-Tyne, 1·3 in London, 1·5 in Leeds, 1·7 in Croydon, 1·8 in Oldham and in Sheffield, 2·2 in Halifax, 2·6 in Brighton, 3·1 in Bristol and in Swansea, and 4·2 in Leicester; from *whooping-cough*, 1·3 in West Ham and in Bolton, and 1·7 in Salford; and from "*fever*," 1·4 in Burnley. In no case did the death-rate from *scarlet fever* or from *diarrhœa* reach 1·0 per 1000 in any of the thirty-three towns. The 57 deaths from *diphtheria* included 29 in London, 3 in Bristol, 3 in Cardiff, 3 in Birmingham, and 3 in Leicester. One death from *small-pox* was registered in Leeds, and 1 in Gateshead, but not one in any other of the thirty-three towns.

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

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In the registration district of Middlesbrough 16 deaths from small-pox were registered last week, making a total of 180 deaths from this disease since the beginning of the year.

## London.

In London* 2415 births and 1691 deaths were registered. Allowing for increase of population, the births were 326 below, and the deaths 6 above, the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 21·6, 20·0, and 21·8 in the preceding three weeks, fell again last week to 19·6. During the four weeks ending on Saturday last the death-rate averaged 20·8 per 1000, being 0·2 per 1000 above the mean rate in the corresponding periods of the ten years 1888–97.

The 1691 deaths included 108 from measles, 19 from scarlet fever, 29 from diphtheria, 64 from whooping-cough, 9 from enteric fever, 15 from diarrhœa and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 244 deaths were referred to these diseases, being 40 above the corrected average weekly number.

The deaths from *measles*, which had been 134, 143, and 115 in the preceding three weeks, further fell last week to 108, but were 47 above the corrected average; 22 cases belonged to Islington, 10 to Kensington, 6 to Hammersmith, 5 to Paddington, 5 to Poplar, 5 to Battersea, and 5 to Camberwell sanitary areas. The deaths from *scarlet fever*, which had been 10, 15, and 22 in the preceding three weeks, fell again last week to 19, but were 2 above the corrected average; 5 cases belonged to Lewisham, and 2 to Clerkenwell sanitary areas. The deaths from *diphtheria*, which had been 36, 53, and 45 in the preceding three weeks, further fell last week to 29, and were 4 below the corrected average; 5 cases belonged to Hackney and 4 to Camberwell sanitary areas. The deaths from *whooping-cough*, which had been 56, 59, and 63 in the preceding three weeks, were 64 last week, the corrected average being 70; 8 cases belonged to Poplar, 7 to Islington, 6 to Bethnal Green, 6 to Camberwell, 5 to Hackney, 5 to Shoreditch, and 5 to Greenwich sanitary areas. The fatal cases of *enteric fever*, which had been 10, 1, and 7 in the preceding three weeks, further rose last week to 9, and were equal to the corrected average. The deaths from *diarrhœa*, which had been 11, 9, and 9 in the preceding three weeks, rose again last week to 15, and were 2 above the corrected average. The deaths referred to diseases of the respiratory organs, which had been 430, 402, and 451 in the preceding three weeks, fell again last week to 372, and were 10 below the corrected average. The deaths attributed directly to *influenza* numbered 33, having been 64, 34, and 52 in the preceding three weeks.

Different forms of violence caused 78 deaths, concerning all but 2 of which inquests were held. Of these 78 deaths, 13 were cases of suicide, while the remaining 65 were attributed to accident or negligence. Six of these were referred to vehicles in the streets, 10 to burns and scalds, 1 to the effects of an anæsthetic administered for surgical purposes, and 13 (including 12 of infants under one year of age), to suffocation in bed.

## Cases of Infectious Sickness in Hospitals.†

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2421 cases of scarlet fever, 1004 of diphtheria, 5 of typhus, and 62 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 234 cases, against 255, 191, and 239; of diphtheria, 121 cases, against 143, 133, and 121; and of enteric fever, 11 cases, against 14, 10, and 7.

* Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

† The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found, after sojourn in the Hospital to have been erroneous.

DEATHS of PERSONS BELONGING to LONDON and its SANITARY AREAS,

REGISTERED in the 13 WEEKS ENDING 2nd APRIL, 1898.

| SANITARY AREAS. | Total Deaths from all Causes | Deaths from Principal Zymotic Diseases. | | | | | | | | | Deaths from Phthisis. | Deaths of Infants under 1 Year of Age. | Deaths under 1 Year to 1000 Births registered. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping cough. | Typhus. | Enteric Fever. | Simple and undefined Fever. | Diarrhœa. | | | |
| REGISTRATION LONDON | 23,974 | - | 1,493 | 181 | 531 | 815 | 2 | 101 | 2 | 131 | 2,223 | 4,825 | 140 |
| **West.** | | | | | | | | | | | | | |
| Paddington - - - | 601 | - | 32 | 5 | 14 | 17 | - | 6 | - | 3 | 44 | 95 | 121 |
| Kensington - - - | 877 | - | 59 | 9 | 13 | 13 | 2 | 1 | - | 4 | 67 | 153 | 162 |
| Hammersmith - - | 613 | - | 88 | 3 | 6 | 7 | - | 1 | - | 4 | 37 | 118 | 153 |
| Fulham - - - | 602 | - | 46 | 11 | 22 | 10 | - | 1 | - | 4 | 55 | 152 | 139 |
| Chelsea - - - | 549 | - | 51 | 2 | 10 | 7 | - | 3 | - | 4 | 59 | 90 | 137 |
| St. George Hanover Square - | 310 | - | 24 | 3 | 2 | 7 | - | 2 | - | - | 29 | 44 | 120 |
| St. Margt & St. John Westr. - | 372 | - | 35 | 3 | 11 | 14 | - | - | - | 2 | 40 | 66 | 230 |
| St. James Westminster - | 136 | - | 7 | - | 1 | - | - | - | - | - | 12 | 22 | 175 |
| **North.** | | | | | | | | | | | | | |
| St. Marylebone - - | 764 | - | 33 | 3 | 16 | 17 | - | 5 | - | 9 | 77 | 127 | 118 |
| Hampstead - - - | 281 | - | 23 | - | 6 | 20 | - | - | - | 1 | 15 | 47 | 117 |
| St. Pancras - - - | 1,326 | - | 53 | 11 | 28 | 19 | - | 9 | - | 4 | 142 | 240 | 132 |
| Islington - - - | 1,748 | - | 183 | 10 | 40 | 64 | - | 4 | - | 11 | 124 | 364 | 152 |
| Stoke Newington - - | 130 | - | 10 | - | 3 | 5 | - | - | - | 2 | 9 | 20 | 95 |
| Hackney - - - | 1,080 | - | 54 | 8 | 52 | 52 | - | 8 | - | 3 | 83 | 220 | 136 |
| **Central.** | | | | | | | | | | | | | |
| St. Giles - - - | 228 | - | 14 | - | 2 | 1 | - | 1 | - | 1 | 46 | 33 | 133 |
| St. Martin-in-the-Fields - | 53 | - | 1 | 1 | 2 | - | - | 1 | - | - | 6 | 4 | 80 |
| Strand - - - - | 156 | - | 9 | - | 1 | - | - | 1 | - | - | 19 | 17 | 135 |
| Holborn - - - | 228 | - | 13 | - | 9 | 2 | - | 1 | - | 4 | 25 | 47 | 199 |
| Clerkenwell - - - | 384 | - | 12 | 2 | 11 | 18 | - | 2 | - | 2 | 43 | 80 | 153 |
| St. Luke - - - | 295 | - | 8 | 3 | 2 | 11 | - | 1 | - | 2 | 37 | 66 | 141 |
| City of London - - | 180 | - | 4 | - | 2 | 2 | - | 1 | - | - | 22 | 13 | 120 |
| **East.** | | | | | | | | | | | | | |
| Shoreditch - - - | 837 | - | 53 | 4 | 15 | 68 | - | 3 | - | 5 | 71 | 194 | 168 |
| Bethnal Green - - | 879 | - | 46 | 5 | 20 | 85 | - | 1 | - | 6 | 73 | 229 | 176 |
| Whitechapel - - - | 456 | - | 10 | 3 | 8 | 9 | - | 1 | - | 1 | 61 | 99 | 116 |
| St. George-in-the-East - | 356 | - | 13 | 3 | 1 | 20 | - | 1 | - | 4 | 37 | 102 | 191 |
| Limehouse - - - | 400 | - | 20 | 2 | 4 | 27 | - | - | - | - | 42 | 108 | 207 |
| Mile End Old Town - - | 607 | - | 33 | 5 | 12 | 45 | - | 3 | - | 2 | 49 | 138 | 122 |
| Poplar - - - | 1,068 | - | 74 | 8 | 28 | 73 | - | 5 | 1 | 3 | 106 | 228 | 145 |
| **South.** | | | | | | | | | | | | | |
| St. Saviour - - - | 166 | - | 5 | - | 7 | 2 | - | - | - | - | 25 | 37 | 196 |
| St. George-the-Mar. Southwk. | 389 | - | 27 | 1 | 12 | 2 | - | 2 | - | 1 | 46 | 66 | 115 |
| Newington - - - | 702 | - | 29 | 8 | 16 | 4 | - | 2 | - | 6 | 87 | 152 | 137 |
| St. Olave - - - | 73 | - | 3 | - | 2 | 2 | - | - | - | - | 7 | 15 | 126 |
| Bermondsey - - - | 500 | - | 30 | 5 | 5 | 14 | - | 4 | - | 1 | 56 | 97 | 117 |
| Rotherhithe - - - | 203 | - | 7 | 5 | 6 | 8 | - | - | - | 1 | 18 | 45 | 132 |
| Lambeth - - - | 1,577 | - | 85 | 8 | 19 | 35 | - | 8 | - | 7 | 159 | 290 | 121 |
| Battersea - - - | 860 | - | 79 | 16 | 31 | 22 | - | 3 | 1 | 4 | 64 | 208 | 147 |
| Wandsworth - - - | 808 | - | 40 | 10 | 34 | 13 | - | 2 | - | 3 | 59 | 156 | 124 |
| Camberwell - - - | 1,251 | - | 66 | 5 | 21 | 35 | - | 5 | - | 9 | 128 | 252 | 130 |
| Greenwich - - - | 882 | - | 43 | 5 | 16 | 34 | - | 8 | - | 6 | 65 | 193 | 135 |
| Lee - - - - | 164 | - | - | 3 | 3 | 3 | - | 3 | - | 2 | 10 | 32 | 145 |
| Lewisham (excluding Penge) | 349 | - | 10 | 2 | 3 | 13 | - | 1 | - | 8 | 23 | 67 | 116 |
| Woolwich - - - | 251 | - | 46 | 3 | 4 | 1 | - | - | - | 2 | 25 | 46 | 137 |
| Plumstead - - - | 283 | - | 15 | 6 | 11 | 14 | - | 1 | - | - | 21 | 53 | 115 |

In the above Table all deaths of persons in, or on the way to, Hospitals and other Public Institutions, as well as those of persons under treatment in surgical homes, or dying by accident or otherwise in the streets, have been distributed, as far as practicable, to the sanitary areas in which the deceased had previously resided. The deaths of 512 London residents who died outside Registration London in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, the City of London Lunatic Asylum at Stone, and the Metropolitan Hospitals and Asylums, have been similarly distributed. In 453 cases the previous residence was outside Registration London, and these have been excluded from the Table.

## GREATER LONDON.

In Greater London 3345 births and 2194 deaths were registered, corresponding to annual rates of 27·2 and 17·9 per 1000 of the estimated population. In the Outer Ring 36 deaths from measles, 4 from scarlet fever, 13 from diphtheria, 15 from whooping-cough, 2 from "fever," and 6 from diarrhœa were registered. Eleven deaths from measles, 3 from scarlet fever, 5 from diphtheria, and 8 from whooping-cough occurred in West Ham district; 5 deaths from measles occurred in Kingston district, 5 in Croydon district, and 5 in Edmonton district.

## METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 29·89 inches, and that of the Thermometer 49°·3, the latter being 3°·3 above the week's average in the 50 years 1841–90. The direction of the wind was variable, the horizontal movement of the air being 12 per cent. above the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 47·8 hours; the measured rainfall amounted to 0·13 of an inch.

## RETURNS OF LONDON WATER COMPANIES.

The LONDON WATER COMPANIES have been good enough to furnish the following account of the number of services and the average daily amount of water supplied during the month of March 1898. The supply was in the ratio of 223 gallons to one service.

| COMPANIES. | Number of Services. | | Daily Supply of Water in Gallons. | |
|---|---|---|---|---|
| | MARCH, 1897. | MARCH, 1898. | MARCH, 1897. | MARCH, 1898. |
| TOTAL SUPPLY - - - | 841,371 | 856,797 | 191,497,668 | 191,352,836 |
| From Thames - - - - - - | 405,804 | 412,483 | 103,028,161 | 102,094,580 |
| From Lea and from other Sources - | 435,567 | 444,314 | 88,469,507 | 89,258,256 |
| THAMES. | | | | |
| Chelsea - - - - - - | 37,357 | 37,887 | 12,092,974 | 10,956,631 |
| West Middlesex - - - - - | 80,943 | 82,121 | 18,895,163 | 19,600,037 |
| Southwark and Vauxhall - - | 120,211 | 121,421 | 32,476,725 | 31,584,403 |
| Grand Junction - - - - - | 61,198 | 62,116 | 18,008,812 | 18,283,667 |
| Lambeth - - - - - - | 106,095 | 108,938 | 21,554,487 | 21,669,842 |
| LEA AND OTHER SOURCES. | | | | |
| New River - - - - - - | 161,471 | 163,480 | 32,512,000 | 32,693,727 |
| East London - - - - - | 189,336 | 193,887 | 40,482,107 | 41,597,143 |
| Kent - - - - - - - - | 84,760 | 86,947 | 15,475,400 | 14,967,386 |

*Note.*—The Return for March 1898, as compared with that for the corresponding month of 1897, shows an increase of 15,426 services and a decrease of 144,832 gallons of water supplied daily.

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## ANALYSIS OF METROPOLITAN WATER SUPPLY DURING MARCH 1898.

*Water-analysis Laboratory, The Yews, Reigate,*
*4th April*, 1898.

SIR,

I HAVE to report to you the results of the chemical analysis, and of the physical and bacterioscopic examination, of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of March.

At the request of the Associated Metropolitan Water Companies, I have extended these monthly examinations to (*a*) the bacterioscopic and chemical condition of the raw river waters at the intakes of the various Companies, and (*b*) to the bacteriology of the water as it issues from the filter beds of each Company, and before it is pumped into the distributing mains.

I append, also, the results obtained in the analyses of the waters supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill, of Birmingham, and Dr. Mills, of Glasgow.

Taking the average amount of organic impurity in a given volume of Kent Company's water during the nine years ending December 1876, as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies, was:—Kent 0·6, New River 0·7, East London (river supply) 1·8, (deep well) 1·9, Lambeth 2·0, Chelsea 2·1, Southwark 2·2, Grand Junction 2·4, and West Middlesex 2·8. The unfiltered waters contained the following proportions:—Thames at Hampton 4·6, New River Cut 1·7, and Lea at Angel Road 4·8.

The Thames at Hampton was, on March 21st, turbid and pale yellow in colour; it was of fairly good chemical but bad bacterial quality. The water supplied by the five Companies drawing from this river was, in every case, efficiently filtered before delivery. The bacterial purity was also with few exceptions highly satisfactory. The bacterial improvement effected by the various Companies is expressed by the following percentage numbers:—Chelsea 99·95, West Middlesex 98·79, Southwark (No. 4 filter) 99·93, (No. 8 filter) 99·77, (general supply from Hampton) 99·67, Grand Junction (general filter well at Hampton) 99·83, (general filter well at Kew) 99·50, (south filter well at Kew) 99·92, and Lambeth 99·95.

## *Analysis of Metropolitan Waters.*

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

| | Companies or Local Authorities. | Date and Place of Collection. | Temperature in Centigrade degrees. | Total Solid Matter. | Organic Carbon. | Organic Nitrogen. | Ammonia. | Nitrogen as Nitrates and Nitrites. | Total Combined Nitrogen. | Chlorine. | Total Hardness. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Inner Circle. | THAMES. (Unfiltered water) - | March 21st, Grand Junction Co.'s intake at Hampton. | 8·8° | 29·28 | ·230 | ·040 | ·005 | ·189 | ·233 | 1·7 | 21·8 |
| | Chelsea - - - | March 24th, Cab Rank, Horse Guards, Whitehall. | 6·8 | 29·92 | ·097 | ·025 | 0 | ·243 | ·268 | 1·7 | 21·2 |
| | West Middlesex - | March 24th, Cab Rank, Riding House-street. | 5·4 | 29·90 | ·142 | ·023 | 0 | ·217 | ·240 | 1·7 | 21·2 |
| | Southwark - - | March 24th, Cab Rank, St. George's Church, Borough. | 7·9 | 29·12 | ·117 | ·015 | 0 | ·222 | ·237 | 1·7 | 20·9 |
| | Grand Junction - | March 24th, Cab Rank, Portman-street, Oxford-street. | 7·1 | 29·12 | ·126 | ·017 | 0 | ·214 | ·231 | 1·7 | 21·2 |
| | Lambeth - - - | March 24th, Cab Rank, St. George's-road, Southwark. | 7·7 | 30·50 | ·098 | ·021 | 0 | ·224 | ·245 | 1·7 | 22·7 |
| | LEA. (Unfiltered water) - | March 23rd, New River Cut at Green Lanes. | 7·9 | 31·20 | ·076 | ·025 | ·004 | ·210 | ·238 | 1·6 | 23·3 |
| | New River - - | March 24th, Cab Rank, Tottenham Court-road. | 7·5 | 28·70 | ·031 | ·009 | 0 | ·265 | ·274 | 1·6 | 20·6 |
| | (Unfiltered water) - | March 23rd, East London Co.'s intake at Angel-road. | 7·6 | 38·80 | ·239 | ·042 | ·010 | ·305 | ·356 | 1·9 | 26·2 |
| | East London - - | March 24th, Cab Rank, Sidney-street, E. | 7·4 | 32·30 | ·086 | ·018 | 0 | ·263 | ·281 | 1·9 | 23·3 |
| Outer Circle. | DEEP WELLS. Kent - - - - | March 24th, Police Station, Blackheath-road. | 11·7 | 38·50 | ·027 | ·006 | 0 | ·409 | ·415 | 2·0 | 27·2 |
| | East London - - | March 19th, Waltham Abbey Well. | — | 28·62 | ·103 | ·007 | ·008 | ·012 | ·025 | 2·1 | 19·8 |
| | Corporation of Birmingham* - - - - | March 11th, Rear of 13 and 14, Wyndham-road. | 5·5 | 33·40 | ·160 | ·020 | 0 | ·35 | ·370 | 2·3 | 23·5 |
| | Corporation of Glasgow† | March 15th, Loch Katrine water. | 5·6 | 2·44 | ·249 | ·013 | 0 | ·004 | ·017 | ·7 | 1·3 |
| | Column 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. |

* Analysed by Dr. Alfred Hill, F.I.C., Medical Officer of Health and Analyst to the City.

† Analysed by Dr. E. J. Mills, F.R.S., of the Glasgow and West of Scotland Technical College.

All the numbers contained in columns 4, 5, 6, 7, 8, 9, 10, and 11, relate to 100,000 parts of the waters. The Table is to be read thus :—The Thames water collected on the 21st of March at the Grand Junction Company's intake at Hampton had a temperature of 8·8° C.; 100,000 lbs. of it contained 29·28 lbs. of solid matter in solution; the organic substances, constituting a portion of this matter, contained ·230 lb. of carbon and ·040 lb. of nitrogen. The above quantity of water also contained ·005 lb. of ammonia and ·189 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was ·233 lb. The above weight of water also contained 1·7 lb. of chlorine, and 21·8 lbs. of carbonate of lime, or an equivalent amount of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

The New River Cut before entering the storage and subsidence reservoirs of the New River Company was, on March 23rd, turbid, but very pale yellow in colour. It was of excellent chemical, and fairly good bacterial, quality. After efficient filtration, it was delivered to consumers in most excellent chemical and bacterial condition, being equal in both respects to deep well water. The bacterial improvement effected by storage and filtration is expressed by the following numbers:—General filter well 99·35, No. 4 filter well 99·86, and No. 5 filter well 98·99.

The water drawn from the Lea at Angel-road by the East London Company was, on the 23rd of March, turbid and very pale yellow in colour. It was of fairly good chemical, but bad bacterial quality. After efficient filtration, it was delivered in most excellent chemical condition; but all three filter wells contained numbers of microbes in excess of the standard of 100 per cubic centimetre. Nevertheless, the bacterial improvement effected is expressed by the following high percentage numbers:—No. 1 Essex well 97·52, No. 2 Essex well 97·08, and Middlesex well 98·49.

The deep well water of the Kent Company was clear and bright without filtration, but that of the East London Company was very slightly turbid from minute particles of rust of iron. Both waters were of excellent quality, and possessed a high degree of organic purity.

Seen through a stratum two feet deep, the Kent Company's water was clear and colourless, the East London (deep well) very slightly turbid and colourless, the New River clear and nearly colourless, and the remaining waters clear and very pale yellow.

The bacterioscopic examination of the river waters, before and after storage, and of the waters delivered by the various Companies, and collected on the 21st, 22nd, 23rd, and 24th of March, yielded, after incubation for five days, the results contained in the following Table:—

| Description. | Microbes per c.c. | Temp. C. |
|---|---|---|
| **Raw and Stored River Waters.** | | ° |
| River Thames at Hampton, March 21st | 23,840 | 8·8 |
| " " after storage for 12 days (Chelsea Company), March 21st | 3,680 | 7·4 |
| West Middlesex Company's water; mixture from old and new storage, March 22nd | 440 | 6·2 |
| Grand Junction Company's water arriving at Kew from Hampton, March 22nd | 520 | 8·4 |
| " " " " at Kew Bridge, passing to filters, March 22nd | 380 | 8·6 |
| Lambeth Company's water passing to filter 5, March 21st | 3,180 | 7·7 |
| New River Cut before passing through reservoirs, March 23rd | 2,780 | 7·9 |
| " " " after " " " | 820 | 8·1 |
| River Lea at Angel-road, March 23rd | 13,000 | 7·6 |
| " " after storage (East London Company), March 23rd | 2,240 | 7·8 |
| **Filtered River Waters as supplied.** | | |
| **Thames.** | | |
| Chelsea Company's general filter well, March 21st | 12 | 7·6 |
| West Middlesex Company's general filter well, March 22nd | 288 | 6·2 |
| Southwark Company's No. 4 filter well, March 21st | 16 | 8·4 |
| " " " 8 " " " | 56 | 7·8 |
| " " tap on filtered water main at Hampton works, March 21st | 78 | 7·9 |
| Grand Junction Company's general filter well at Hampton, March 21st | 40 | 8·0 |
| " " " " " " Kew Bridge, March 22nd | 120 | 8·0 |
| " " " South " " " | 20 | 8·3 |
| Lambeth Company's general filter well, March 21st | 12 | 7·2 |
| **Lea.** | | |
| New River Company's general filter well, March 23rd | 18 | 7·9 |
| " " " No. 4 " " " | 4 | 8·1 |
| " " " No. 5 " " " | 28 | 8·2 |
| East London Company's No. 1 Essex filter well, March 23rd | 322 | 6·8 |
| " " " No. 2 " " " | 380 | 7·4 |
| " " " Middlesex " " " | 196 | 7·8 |
| **Deep-well.** | | |
| Kent Company's "New" well at Deptford, March 24th | 3 | 11·3 |

Dr. Hill, F.I.C., Medical Officer of Health for Birmingham, reports that the water supplied to that City was "almost clear and pale green in a two-foot tube."

Dr. Mills, F.R.S., of the Glasgow and West of Scotland Technical College, reports that the water supplied to that City from Loch Katrine was "light brown in colour, and contained a little suspended matter."

I am, &c.,

E. Frankland.

The Registrar General, &c., &c.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Registered during the Week ending 9th April 1898. Births. | Deaths. | The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Annual Rate per 1000, corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6-12. | Temperature of the Air. Highest. Fahrenheit. | Lowest. Fahrenheit. | Mean. Fahrenheit. | Mean. Centigrade. | Rainfall. In Inches. | In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| **33 Towns** | **11,218,378** | **6197** | **4352** | **966** | **1127** | **2** | **234** | **33** | **57** | **125** | **34** | **31** | **147** | **272** | **957** | **59** | **20·2** | **2·4** | **68·0** | **23·0** | **46·6** | **8·11** | **0·20** | **0·51** | **33 Towns.** |
| London | 4,504,766 | 2415 | 1691 | 368 | 438 | - | 108 | 19 | 29 | 64 | 9 | 15 | 78 | 136 | 529 | 15 | 19·6 | 2·8 | 67·2 | 32·6 | 49·3 | 9·61 | 0·13 | 0·33 | London. |
| West Ham | 286,654 | 148 | 81 | 30 | 15 | - | 2 | 2 | 2 | 7 | - | - | 3 | 3 | 8 | 2 | 14·7 | 2·4 | - | - | - | - | - | - | West Ham. |
| Croydon | 124,421 | 54 | 43 | 10 | 19 | - | 4 | - | - | 1 | - | - | 1 | 1 | 8 | - | 18·0 | 2·1 | 67·5 | 28·0 | 47·9 | 8·83 | 0·07 | 0·18 | Croydon. |
| Brighton | 122,310 | 64 | 41 | 10 | 9 | - | 6 | - | 1 | 1 | - | - | 2 | 2 | 12 | - | 17·5 | 3·4 | 57·2 | 35·0 | 46·3 | 7·94 | 0·09 | 0·23 | Brighton. |
| Portsmouth | 186,618 | 98 | 45 | 10 | 12 | - | - | - | - | 2 | - | - | 2 | 5 | 5 | - | 12·6 | 0·6 | 58·0 | 32·0 | 46·8 | 8·22 | 0·01 | 0·03 | Portsmouth. |
| Plymouth | 99,136 | 47 | 45 | 10 | 19 | - | - | - | - | 1 | - | 1 | - | 1 | 10 | - | 23·7 | 1·1 | - | - | - | - | - | - | Plymouth. |
| Bristol | 316,900 | 168 | 120 | 20 | 36 | - | 19 | - | 3 | 1 | 1 | - | 1 | 5 | 16 | 2 | 19·7 | 3·9 | 64·0 | 28·0 | 46·2 | 7·89 | 0·42 | 1·07 | Bristol. |
| Cardiff | 177,770 | 119 | 52 | 8 | 16 | - | 1 | 1 | 3 | - | - | - | - | 1 | 5 | - | 15·3 | 1·5 | - | - | - | - | - | - | Cardiff. |
| Swansea | 102,001 | 52 | 32 | 6 | 7 | - | 6 | - | 1 | 1 | - | - | - | 1 | 3 | 1 | 16·4 | 4·1 | - | - | - | - | - | - | Swansea. |
| Wolverhampton | 88,051 | 56 | 33 | 10 | 5 | - | 1 | 1 | 1 | - | - | - | 2 | 2 | 2 | - | 19·5 | 1·8 | 64·8 | 26·8 | 45·4 | 7·44 | 0·49 | 1·24 | Wolverhampton. |
| Birmingham | 510,343 | 324 | 224 | 46 | 44 | - | 3 | 1 | 3 | 5 | 6 | 3 | 8 | 12 | 50 | 1 | 22·9 | 2·1 | - | - | - | - | - | - | Birmingham. |
| Norwich | 111,699 | 77 | 34 | 11 | 11 | - | - | - | - | 1 | - | - | - | - | 1 | - | 15·9 | 0·5 | - | - | - | - | - | - | Norwich. |
| Leicester | 208,662 | 125 | 84 | 20 | 19 | - | 17 | - | 3 | 1 | - | 1 | 1 | 2 | 16 | 3 | 21·0 | 5·5 | - | - | - | - | - | - | Leicester. |
| Nottingham | 236,137 | 146 | 90 | 24 | 25 | - | - | - | 1 | 1 | 1 | - | 1 | 3 | 9 | - | 19·9 | 0·7 | 66·4 | 23·0 | 45·9 | 7·72 | 0·09 | 0·23 | Nottingham. |
| Derby | 104,834 | 57 | 47 | 9 | 18 | - | - | - | - | - | 1 | - | 1 | 3 | 6 | - | 23·4 | 0·5 | - | - | - | - | - | - | Derby. |
| Birkenhead | 113,189 | 47 | 37 | 8 | 8 | - | 1 | - | 2 | - | - | - | - | 1 | 3 | 1 | 17·0 | 1·4 | - | - | - | - | - | - | Birkenhead. |
| Liverpool | 633,645 | 362 | 337 | 74 | 91 | - | 4 | 1 | 1 | 9 | 3 | 2 | 13 | 17 | 98 | 13 | 27·7 | 1·6 | 66·6 | 31·2 | 45·9 | 7·72 | 0·19 | 0·48 | Liverpool. |
| Bolton | 122,495 | 68 | 48 | 12 | 12 | - | - | 1 | - | 3 | - | 1 | - | 3 | 3 | - | 20·4 | 2·1 | - | - | - | - | - | - | Bolton. |
| Manchester | 539,079 | 329 | 193 | 48 | 41 | - | 4 | 1 | - | 3 | 2 | 2 | 9 | 15 | 41 | 1 | 18·7 | 1·2 | - | - | - | - | - | - | Manchester. |
| Salford | 215,702 | 116 | 106 | 19 | 25 | - | 3 | 1 | - | 7 | 1 | 1 | 4 | 8 | 19 | - | 25·6 | 3·1 | - | - | - | - | - | - | Salford. |
| Oldham | 148,288 | 52 | 40 | 15 | 7 | - | 5 | - | - | 2 | - | - | - | - | 8 | - | 14·1 | 2·5 | - | - | - | - | - | - | Oldham. |
| Burnley | 109,546 | 45 | 43 | 7 | 14 | - | - | - | - | 1 | 3 | 1 | 1 | 3 | 6 | 1 | 20·5 | 2·4 | - | - | - | - | - | - | Burnley. |
| Blackburn | 133,228 | 57 | 44 | 6 | 15 | - | - | - | - | - | 1 | - | 5 | 6 | 6 | 3 | 17·2 | 0·4 | - | - | - | - | - | - | Blackburn. |
| Preston | 116,356 | 66 | 47 | 12 | 16 | - | - | - | - | - | 1 | - | 1 | 1 | 5 | 3 | 21·1 | 0·4 | - | - | - | - | - | - | Preston. |
| Huddersfield | 102,454 | 43 | 40 | 8 | 11 | - | 2 | - | - | - | - | - | - | - | 2 | 3 | 20·4 | 1·0 | 65·3 | 28·5 | 45·9 | 7·72 | 0·35 | 0·89 | Huddersfield. |
| Halifax | 96,729 | 42 | 35 | 2 | 13 | - | 4 | - | - | - | 1 | - | 1 | 1 | 4 | 1 | 18·9 | 2·7 | - | - | - | - | - | - | Halifax. |
| Bradford | 233,737 | 97 | 98 | 20 | 28 | - | 5 | - | - | 1 | 1 | - | 3 | 5 | 9 | - | 21·9 | 1·6 | 63·0 | 32·6 | 47·8 | 8·78 | 0·13 | 0·33 | Bradford. |
| Leeds | 416,618 | 251 | 188 | 37 | 38 | 1 | 12 | - | 2 | 3 | 2 | 1 | 6 | 18 | 20 | 1 | 23·5 | 2·6 | - | - | - | - | - | - | Leeds. |
| Sheffield | 356,478 | 228 | 157 | 39 | 36 | - | 12 | 1 | 2 | 5 | 1 | 1 | 2 | 7 | 19 | 5 | 23·0 | 3·2 | - | - | - | - | - | - | Sheffield. |
| Hull | 229,887 | 143 | 92 | 21 | 26 | - | 5 | 2 | 1 | 2 | - | 2 | 1 | 3 | 8 | 1 | 20·9 | 2·7 | 68·0 | 27·0 | 45·3 | 7·39 | 0·20 | 0·51 | Hull. |
| Sunderland | 143,849 | 89 | 55 | 15 | 5 | - | 3 | - | 1 | - | - | - | - | 4 | 7 | 1 | 19·9 | 1·4 | - | - | - | - | - | - | Sunderland. |
| Gateshead | 103,775 | 72 | 32 | 3 | 13 | 1 | 2 | 1 | 1 | - | - | - | - | - | 3 | - | 16·1 | 2·5 | - | - | - | - | - | - | Gateshead. |
| Newcastle | 223,021 | 140 | 98 | 28 | 35 | - | 5 | 1 | - | 3 | - | - | 1 | 3 | 16 | 1 | 22·9 | 2·1 | - | - | - | - | - | - | Newcastle. |

* See note * on first page of this return.

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the FOURTEENTH Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2588 | 2676 | 2329 | 2820 | 2448 | 2566 | 2682 | 2731 | 2629 | 2577 | 2740·8 | 2415 |
| Males - - | 1305 | 1408 | 1204 | 1468 | 1246 | 1275 | 1324 | 1390 | 1322 | 1259 | 1389·1 | 1230 |
| Females - | 1283 | 1268 | 1125 | 1352 | 1202 | 1291 | 1358 | 1341 | 1307 | 1318 | 1351·7 | 1185 |
| TOTAL **Deaths** - | 1593 | 1572 | 1419 | 1722 | 1812 | 1683 | 1587 | 1597 | 1522 | 1501 | 1684·5 | 1691 |
| Males - - | 841 | 807 | 720 | 914 | 953 | 884 | 836 | 868 | 767 | 787 | 881·5 | 881 |
| Females - - | 752 | 765 | 699 | 808 | 859 | 799 | 751 | 729 | 755 | 714 | 803·0 | 810 |

* The numbers in this column are the average weekly numbers in the fourteenth week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | Jan. 15. | Jan. 22. | Jan. 29. | Feb. 5. | Feb. 12. | Feb. 19. | Feb. 26. | Mar. 5. | Mar. 12. | Mar 19. | Mar. 26. | Apr. 2. | Apr. 9. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** - - - | 2703 | 2631 | 2639 | 2603 | 2843 | 2527 | 2644 | 2585 | 2736 | 2576 | 2218 | 2860 | 2415 |
| TOTAL **Deaths** - - - | 1982 | 2021 | 1764 | 1861 | 1922 | 1856 | 1889 | 1805 | 1854 | 1869 | 1731 | 1883 | 1691 |
| Ages at Death: Under 1 year - - | 373 | 404 | 358 | 385 | 366 | 392 | 398 | 383 | 381 | 367 | 331 | 386 | 368 |
| 1—5 years - - | 353 | 367 | 306 | 298 | 318 | 318 | 324 | 303 | 340 | 311 | 358 | 338 | 295 |
| 5—20 " - - | 85 | 76 | 72 | 92 | 93 | 75 | 100 | 98 | 97 | 83 | 98 | 84 | 86 |
| 20—40 " - - | 225 | 203 | 206 | 204 | 230 | 221 | 226 | 218 | 202 | 206 | 202 | 198 | 195 |
| 40—60 " - - | 385 | 366 | 341 | 335 | 342 | 334 | 363 | 334 | 340 | 360 | 314 | 344 | 309 |
| 60—80 " - - | 470 | 490 | 372 | 438 | 467 | 423 | 391 | 379 | 383 | 425 | 344 | 424 | 364 |
| 80 years and upwards | 91 | 115 | 109 | 109 | 106 | 93 | 87 | 90 | 111 | 117 | 84 | 109 | 74 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox - - - - - | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Measles - - - - - | 134 | 130 | 79 | 80 | 87 | 100 | 106 | 115 | 141 | 134 | 143 | 115 | 108 |
| Scarlet Fever - - - | 15 | 17 | 17 | 12 | 19 | 9 | 11 | 8 | 8 | 10 | 15 | 22 | 19 |
| Diphtheria - - - - | 44 | 33 | 36 | 42 | 45 | 33 | 46 | 38 | 33 | 36 | 53 | 45 | 29 |
| Whooping-cough - - - | 76 | 69 | 84 | 64 | 67 | 53 | 52 | 49 | 59 | 56 | 59 | 63 | 64 |
| Typhus - - - - - | – | – | – | – | – | – | – | – | – | – | 1 | 1 | – |
| Enteric Fever - - - | 9 | 8 | 9 | 8 | 6 | 8 | 9 | 11 | 7 | 10 | 1 | 7 | 9 |
| Simple Continued Fever - | – | – | 1 | 1 | – | – | – | – | – | – | – | – | – |
| Diarrhœa and Dysentery .. | 10 | 7 | 10 | 17 | 12 | 8 | 8 | 11 | 9 | 11 | 9 | 9 | 15 |
| Cholera - - - - - | – | – | – | – | – | – | – | – | – | – | – | – | – |
| All the above Diseases - | 288 | 264 | 236 | 224 | 236 | 211 | 232 | 232 | 257 | 257 | 281 | 262 | 244 |
| Dis. of Respiratory System - | 516 | 567 | 471 | 471 | 468 | 438 | 416 | 425 | 429 | 430 | 402 | 451 | 372 |
| Phthisis - - - - - | 212 | 170 | 159 | 163 | 192 | 180 | 179 | 172 | 192 | 184 | 143 | 160 | 146 |
| Dis. of Circulatory System - | 161 | 153 | 135 | 126 | 164 | 141 | 161 | 153 | 141 | 136 | 137 | 147 | 140 |
| Violence - - - - | 77 | 87 | 52 | 78 | 61 | 77 | 74 | 53 | 68 | 59 | 84 | 53 | 78 |
| Inquest Cases - - - - | 173 | 167 | 130 | 153 | 159 | 169 | 174 | 142 | 176 | 157 | 160 | 141 | 136 |
| Deaths in Public Institutions - | 533 | 523 | 478 | 538 | 532 | 551 | 515 | 477 | 471 | 543 | 542 | 544 | 529 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean - - - - - | 41°·8 | 45°·1 | 42°·4 | 44°·0 | 43°·0 | 42°·7 | 37°·6 | 38°·9 | 37°·7 | 45°·7 | 37°·5 | 40°·7 | 49°·3 |
| Mean of Highest readings - | 44·6 | 48·1 | 45·2 | 49·4 | 48·3 | 47·6 | 44·8 | 46·2 | 43·9 | 52·6 | 44·8 | 48·3 | 59·3 |
| Mean of Lowest readings - | 37·6 | 40·9 | 39·8 | 39·6 | 37·8 | 38·3 | 31·4 | 33·5 | 32·3 | 38·6 | 31·5 | 34·4 | 40·6 |
| Humidity of the Air - - | 85 | 91 | 80 | 79 | 81 | 80 | 76 | 81 | 76 | 78 | 84 | 79 | 67 |
| Rain-fall (in inches) - - | 0·00 | 0·12 | 0·00 | 0·28 | 0·20 | 0·35 | 0·21 | 0·59 | 0·01 | 0·25 | 0·56 | 0·15 | 0·13 |
| Registered Sunshine (in hours) | 3·5 | 3·4 | 2·2 | 10·2 | 7·0 | 9·4 | 25·8 | 15·1 | 18·0 | 13·3 | 16·5 | 28·9 | 47·8 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox - - - - - | – | – | – | – | – | – | – | 1 | 1 | 1 | 1 | – | – |
| Scarlet Fever - - - - | 3253 | 3149 | 3061 | 2964 | 2871 | 2781 | 2674 | 2534 | 2445 | 2419 | 2371 | 2377 | 2421 |
| Diphtheria - - - - | 1023 | 1045 | 1062 | 1044 | 1042 | 1058 | 1061 | 1047 | 1027 | 1024 | 1022 | 1009 | 1004 |
| Enteric Fever - - - - | 110 | 109 | 106 | 96 | 93 | 87 | 84 | 82 | 84 | 79 | 72 | 64 | 62 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton: A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; Arthur Brown. Esq., M.Inst. C.E., and P. Boobbyer Esq.. M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S. Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.

ABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FOURTEENTH Week of the Year 1898.

| USES OF DEATH. | Corrected Averages for the 14th Week of the 10 years 1888–97*. | In the Week ending Saturday, 9th April 1898. Deaths of Persons of the Ages: All Ages. | Under 20. 0–1. | 1–5. | 5–20. | 2 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| AUSES - - - | 1684·5 | 1691 | 368 | 295 | 86 | 195 | 309 | 364 | 74 |
| 1- Vaccinated† - | 0·3 | – | – | – | – | – | – | – | – |
| Unvaccinated | 0·1 | – | – | – | – | – | – | – | – |
| No Statement | 0·2 | – | – | – | – | – | – | – | – |
| es - - - - | 61·2 | 108 | 22 | 84 | 2 | – | – | – | – |
| t Fever - - - | 17·0 | 19 | 1 | 11 | 6 | – | 1 | – | – |
| us - - - - | 0·1 | – | – | – | – | – | – | – | – |
| sing Fever - - | – | – | – | – | – | – | – | – | – |
| nza - - - - | 21·4 | 33 | 1 | – | 3 | 3 | 10 | 14 | 2 |
| ping-cough - - | 69·8 | 64 | 35 | 27 | 2 | – | – | – | – |
| heria - - - | 33·0 | 29 | 3 | 15 | 11 | – | – | – | – |
| e Continued and efined Fever - | 0·6 | – | – | – | – | – | – | – | – |
| ic Fever - - - | 8·7 | 9 | – | 1 | 4 | 4 | – | – | – |
| ea and Chol. Diarr. | 0·2 | – | – | – | – | – | – | – | – |
| ncea, Dysentery - | 13·2 | 15 | 11 | 2 | – | – | 1 | 1 | – |
| tent Fever - - | 0·2 | – | – | – | – | – | – | – | – |
| phobia - - - | – | – | – | – | – | – | – | – | – |
| ers - - - - | – | – | – | – | – | – | – | – | – |
| ox and Effects of cination - - | 0·1 | – | – | – | – | – | – | – | – |
| cal Affections - - | 9·7 | 10 | 6 | 1 | – | 1 | – | 2 | – |
| pelas - - - | 4·9 | 3 | – | – | 1 | 1 | 1 | – | – |
| ia and Septicæmia | 2·5 | 1 | 1 | – | – | – | – | – | – |
| eral Fever - - | 4·5 | 5 | – | – | – | 5 | – | – | – |
| Zymotic Diseases | 0·7 | 1 | – | 1 | – | – | – | – | – |
| h - - - - | 0·7 | – | – | – | – | – | – | – | – |
| s and other Parasitical Diseases - | 0·6 | 1 | – | – | – | 1 | – | – | – |
| ation, Want of st-milk - - | 0·9 | 1 | 1 | – | – | – | – | – | – |
| olism - - - | 6·4 | 16 | – | – | – | 4 | 9 | 3 | – |
| matic Fever, umatism of Heart | 6·2 | 9 | – | 1 | 3 | 4 | 1 | – | – |
| matism - - - | 2·1 | 2 | – | – | – | – | 1 | – | 1 |
| - - - - - | 3·4 | 5 | – | – | – | – | 1 | 4 | – |
| ts - - - - | 4·7 | 5 | 1 | 4 | – | – | – | – | – |
| r - - - - | 66·6 | 79 | – | – | – | 4 | 38 | 33 | 4 |
| Mesenterica - - | 20·1 | 11 | 2 | 5 | 2 | 2 | – | – | – |
| cular Meningitis - | 24·9 | 38 | 12 | 20 | 4 | 2 | – | – | – |
| eis - - - - | 168·3 | 146 | 1 | 6 | 8 | 63 | 57 | 11 | – |
| ula, Tuberculosis - | 22·9 | 18 | 8 | 3 | 4 | 2 | – | 1 | – |
| Constitutional ases - - | 12·6 | 13 | – | – | – | 4 | 3 | 4 | 2 |
| ature Birth - - | 44·2 | 43 | 43 | – | – | – | – | – | – |
| tasis - - - | 3·7 | 5 | 5 | – | – | – | – | – | – |
| nital Malformations - - - - | 7·4 | 13 | 11 | 2 | – | – | – | – | – |
| ge - - - - | 52·3 | 51 | – | – | – | – | – | 27 | 24 |
| exy - - - | 45·6 | 32 | – | – | – | – | 11 | 15 | 6 |
| osy - - - - | 8·0 | 5 | – | – | 1 | 2 | 2 | – | – |
| lisions - - - | 41·3 | 41 | 36 | 5 | – | – | – | – | – |
| Diseases of Brain Nervous System | 94·8 | 79 | 9 | 15 | 2 | 6 | 21 | 22 | 4 |
| es of Organs of ial Sense - | 3·2 | 1 | 1 | – | – | – | – | – | – |

| CAUSES OF DEATH | Corrected Averages for the 14th Week of the 10 years 1888–97*. | In the Week ending Saturday, 9th April 1898. Deaths of Persons of the Ages: All Ages. | Under 20. 0–1. | 1–5. | 5–20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 141·0 | 140 | 3 | – | 12 | 26 | 33 | 57 | 9 |
| Croup - - - - | 6·6 | – | – | – | – | – | – | – | – |
| Bronchitis - - - | 206·8 | 221 | 44 | 36 | – | 5 | 32 | 94 | 10 |
| Pneumonia - - - | 133·3 | 112 | 24 | 31 | 8 | 10 | 23 | 15 | 1 |
| Pleurisy - - - - | 6·4 | 8 | 1 | – | – | 2 | 2 | 3 | – |
| Other Diseases of Respiratory System - | 28·6 | 31 | 4 | 2 | – | 2 | 10 | 11 | 2 |
| Dentition - - - - | 13·5 | 8 | 4 | 4 | – | – | – | – | – |
| Quinsy, Sore Throat - | 1·3 | – | – | – | – | – | – | – | – |
| Enteritis - - - - | 9·7 | 16 | 4 | 4 | 1 | 1 | 3 | 3 | – |
| Peritonitis - - - | 6·5 | 4 | – | – | – | 3 | 1 | – | – |
| Diseases of Liver - - | 22·4 | 16 | 1 | – | – | 3 | 2 | 9 | 1 |
| Other Diseases of Digestive System | 34·4 | 28 | 9 | 2 | 2 | 4 | 7 | 4 | – |
| Diseases of Lymphatic System & of Ductless Glands - - - | 2·5 | 3 | 1 | – | 1 | – | 1 | – | – |
| Diseases of Urinary System - - - | 44·1 | 52 | – | 1 | 4 | 9 | 16 | 19 | 3 |
| Diseases of Generative System - - - | 4·8 | 6 | – | – | – | 2 | 4 | – | – |
| Accidents of Childbirth - | 3·7 | 3 | – | – | – | 3 | – | – | – |
| Diseases of Locomotive System - - - | 5·7 | 4 | – | 1 | – | – | 2 | 1 | – |
| Diseases of Integumentary System - - | 5·3 | 6 | 2 | – | – | 1 | – | 3 | – |
| VIOLENT DEATHS‡ | | | | | | | | | |
| (ACCIDENT.) | | | | | | | | | |
| By Railways - - - | 56·6 | 2 | – | – | – | – | 2 | – | – |
| By Vehicles or Horses - | | 6 | – | 2 | – | 2 | 1 | – | 1 |
| In Ships, Boats, Docks, (exclusive of Drowning) - - - | | – | – | – | – | – | – | – | – |
| In Building Operations - | | – | – | – | – | – | – | – | – |
| In Conflagrations - - | | – | – | – | – | – | – | – | – |
| By Burns, Scalds, Explosions - - | | 10 | 1 | 5 | 2 | – | – | 1 | 1 |
| By Drowning - - - | | 2 | – | – | – | 2 | – | – | – |
| By Suffocation in Bed - | | 13 | 12 | – | – | – | – | 1 | – |
| By Poisons or Poisonous Vapours - - | | 3 | – | 1 | – | 1 | 1 | – | – |
| Other or not stated causes - - - - | | 29 | 7 | 2 | 3 | 5 | 4 | 5 | 3 |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - | 0·9 | – | – | – | – | – | – | – | – |
| Suicide - - - - | 9·4 | 13 | – | – | – | 6 | 6 | 1 | – |
| Execution - - - | – | – | – | – | – | – | – | – | – |
| OTHER CAUSES - - | 51·7 | 44 | 41 | 1 | – | – | 2 | – | – |

he numbers in this column are the average weekly deaths for the ten years 1888–97, raised by 5·230 per cent. for increase pulation.

ly those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered al men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

e evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of ent, murder manslaughter or suicide. All such cases are classed under "accident."

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 9th April, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Deaths of Persons not belonging to this District. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2415 | 1691 | 368 | 438 | - | 108 | 19 | 29 | 64 | - | 9 | - | 15 | 78 | 136 | 529 | 1 |
| WEST DISTRICTS - - - | 778,251 | 347 | 290 | 57 | 63 | - | 33 | 1 | 3 | 3 | - | 2 | - | 3 | 10 | 21 | 75 | - |
| NORTH DISTRICTS - - - | 1,040,694 | 541 | 419 | 88 | 108 | - | 29 | 5 | 14 | 14 | - | 2 | - | 7 | 18 | 34 | 134 | - |
| CENTRAL DISTRICTS - - - | 233,635 | 109 | 95 | 21 | 19 | - | 7 | - | - | 1 | - | 1 | - | - | 8 | 14 | 34 | - |
| EAST DISTRICTS - - - | 716,334 | 470 | 284 | 74 | 66 | - | 17 | 1 | 1 | 23 | - | 1 | - | 3 | 10 | 23 | 90 | - |
| SOUTH DISTRICTS - - - | 1,642,796 | 948 | 557 | 128 | 162 | - | 22 | 11 | 11 | 23 | - | 3 | - | 2 | 30 | 42 | 150 | 1 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | -- | - | 46 | - | 20 | - | - | 1 | - | - | - | - | - | - | 2 | 2 | 46 | - |
| **WEST DISTRICTS.** | | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 38 | 30 | 2 | 7 | - | 5 | - | - | 1 | - | - | - | - | 1 | 3 | 6 | - |
| St. John Paddington *H* - - G. | 33,510 | 6 | 17 | 1 | 5 | - | - | - | - | - | - | 1 | - | - | 2 | 2 | 10 | - |
| Kensington Town *Ww* - - W. | 122,164 | 54 | 52 | 10 | 12 | - | 10 | - | - | - | - | - | - | - | 4 | 6 | 13 | - |
| Brompton *HH*- - - W & C. | 48,301 | 8 | 7 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | 2 | - |
| St. Peter Hammersmith - - W. | 9,097 | 4 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Paul Hammersmith *HH* W. & G. | 25,102 | 41 | 35 | 11 | 5 | - | 4 | - | - | - | - | - | - | 1 | 1 | 4 | 5 | - |
| Fulham *Ww* - - - W. & C. | 113,781 | 93 | 45 | 11 | 10 | - | 4 | 1 | 2 | 1 | - | - | - | 2 | - | 3 | 10 | - |
| Chelsea Kensal Town - C. | 21,450 | 7 | 10 | - | 3 | - | 1 | - | - | - | - | - | - | - | 1 | 1 | - | - |
| Chelsea North *WHHHHH* - C. | 42,057 | 36 | 24 | 4 | 10 | - | - | - | - | - | - | - | - | - | - | - | 11 | - |
| Chelsea South *HH* - - C. | 33,139 | 9 | 14 | 4 | 1 | - | 3 | - | - | - | - | - | - | - | - | - | 2 | - |
| May Fair *W* - - - - G. | 23,827 | - | 4 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | 3 | - |
| Belgrave *WHHH* - - - C. | 56,140 | 21 | 24 | 6 | 2 | - | 3 | - | - | - | - | 1 | - | - | - | - | 10 | - |
| St. John Westminster *HH* - C. | 31,492 | 11 | 10 | 3 | 2 | - | 2 | - | 1 | 1 | - | - | - | - | - | - | - | - |
| St. Margaret Westminster *H*- C. | 22,097 | 7 | 5 | 1 | 1 | - | - | - | - | - | - | - | - | - | 1 | 1 | 1 | - |
| St. James Westminster *WHH* N. & G. | 23,050 | 6 | 6 | 3 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | - |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 6 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - |
| **NORTH DISTRICTS.** | | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - - W. | 36,595 | 10 | 21 | 2 | 5 | - | - | - | - | - | - | 1 | - | - | - | - | 11 | - |
| Rectory Marylebone *W* G. & W. | 19,798 | 12 | 12 | 2 | 5 | - | - | - | - | - | - | - | - | - | - | 2 | 7 | - |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 35 | 5 | 4 | - | - | 1 | - | - | - | - | - | - | 1 | - | - | 3 | - |
| Christchurch Marylebone *H* - W | 32,547 | 11 | 12 | 4 | 1 | - | 3 | - | - | - | - | - | - | 1 | 1 | 1 | - | - |
| St. John Marylebone *HHH* W. | 32,611 | 14 | 15 | 2 | 4 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| Hampstead *WwHHHH* - N. & W. | 75,449 | 25 | 34 | 4 | 7 | - | 1 | 5 | 8 | 1 | - | - | - | - | 2 | 3 | 19 | - |
| Regent's Park Pancras *HH* - W. | 37,341 | 24 | 13 | - | 4 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Tottenham-court *wHHH* - N. & W. | 26,757 | 15 | 17 | 1 | 3 | - | - | - | - | - | - | - | - | - | 1 | 3 | 12 | - |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 28 | 10 | 5 | 2 | - | - | - | - | - | - | - | - | - | 1 | 3 | 2 | - |
| Somers Town *HH* - - - N. | 32,161 | 15 | 9 | 1 | 3 | - | - | - | - | - | - | - | - | - | 2 | 2 | 3 | - |
| Camden Town *WH* - - N. | 16,669 | 11 | 11 | 1 | 4 | - | - | - | - | - | - | - | - | - | - | 1 | 6 | - |
| Kentish Town *WW* - - N. | 98,410 | 51 | 40 | 7 | 16 | - | 2 | - | - | 1 | - | - | - | - | 1 | 1 | 10 | - |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 43 | 63 | 14 | 17 | - | 14 | - | - | 5 | - | - | - | - | 3 | 4 | 35 | - |
| Islington South-west H - N. | 107,365 | 48 | 28 | 6 | 6 | - | 2 | - | - | - | - | - | - | 1 | - | 2 | - | - |
| Islington South-east - - N. | 66,549 | 35 | 22 | 7 | 4 | - | 4 | - | - | 1 | - | - | - | - | 2 | 2 | - | - |
| Highbury *HH* - - - N. | 64,577 | 42 | 17 | 6 | 3 | - | 2 | - | - | 1 | - | - | - | 1 | - | - | 2 | - |
| Stoke Newington *H* - - N. | 33,485 | 10 | 7 | 2 | 3 | - | - | - | - | - | - | - | - | 1 | - | - | - | - |
| North Hackney - - E. & N. | 213,044 | 14 | 14 | 4 | 3 | - | - | - | - | 1 | - | - | - | 1 | 2 | 3 | - | - |
| Central Hackney *ww* - E. & N. | | 30 | 20 | 7 | 3 | - | - | - | 4 | 3 | - | 1 | - | - | 1 | 2 | 6 | - |
| South-west Hackney *HHH* E. & N. | | 36 | 24 | 4 | 4 | - | - | - | 2 | 1 | - | - | - | 1 | - | 1 | 7 | - |
| South-east Hackney *WwH* E. & N. | | 32 | 25 | 5 | 11 | - | - | - | - | - | - | - | - | - | 2 | 3 | 10 | - |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers are received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. The Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River; E. East London; and K. the Kent Company.

* See note * on second page of this Return.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday, 9th April, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population. 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **CENTRAL DISTRICTS.** | | | | | | | | | | | | | | | | | | |
| St. George Bloomsbury - - N. | 16,110 | 6 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Giles South *WH* - - N. | 12,976 | 15 | 10 | 4 | 2 | - | 1 | - | - | - | - | - | - | - | - | 1 | 2 | - |
| St. Giles North *H* - - - N. | 9,151 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Martin-in-the-Fields *HH* N. & C. | 13,077 | 5 | 10 | 1 | 1 | - | - | - | - | - | - | - | - | - | 1 | 1 | 8 | - |
| Strand *WHH* - - - - N. | 11,839 | 4 | 9 | 1 | 1 | - | - | - | - | 1 | - | - | - | - | - | 2 | 5 | - |
| *Strand Union Workhouse, Edmonton* | †*1,037* | - | 2 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | 2 | - |
| Holborn *wHHHHHHH* - N. | 31,042 | 13 | 19 | 4 | 4 | - | 4 | - | - | - | - | - | - | - | 1 | 1 | 6 | - |
| St. James Clerkenwell - - N. | 15,777 | 6 | 6 | 1 | 2 | - | 2 | - | - | - | - | - | - | - | - | - | - | - |
| Amwell Clerkenwell - - N. | 34,356 | 22 | 4 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Goswell-street - - - - N. | 16,069 | 4 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| City-road *HHHL* - - - N. | 29,897 | 24 | 11 | 6 | 1 | - | - | - | - | - | - | - | - | - | 2 | 3 | 1 | - |
| Whitecross-street - - - N. | 7,595 | 3 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Finsbury - - - - - N. | 4,035 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| *Holborn Union Workhouse, Mitcham* - - - - | †*892* | - | 2 | - | 2 | - | - | - | - | - | - | - | - | - | 1 | 1 | 2 | - |
| St. Botolph *H* - - N. & E. | 6,870 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| Cripplegate - - - - N. | 3,299 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Sepulchre *WH* - - - N. | 9,591 | 1 | 12 | 3 | - | - | - | - | - | - | - | 1 | - | - | 3 | 4 | 8 | - |
| Allhallows Barking - - - N. | 9,059 | 1 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Broad Street *H* - - - N. | 2,892 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| *City of London Asylum, Stone* - - | †*388* | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **EAST DISTRICTS.** | | | | | | | | | | | | | | | | | | |
| Shoreditch South *Hl* - E. & N. | 17,975 | 11 | 4 | 2 | - | - | 1 | - | - | 1 | - | - | - | 1 | - | - | - | - |
| Hoxton New Town *w* - - N. | 29,575 | 23 | 17 | 2 | 8 | - | 1 | - | - | 2 | - | - | - | - | - | - | 5 | - |
| Hoxton Old Town - - - N. | 27,645 | 14 | 10 | 4 | 1 | - | - | 1 | - | 2 | - | - | - | - | - | - | - | - |
| Haggerston *WH* - - N. & E. | 47,163 | 31 | 16 | 2 | 5 | - | - | - | - | - | - | - | - | - | - | 2 | 6 | - |
| Bethnal Green North *H* - E. | 49,301 | 32 | 22 | 8 | 4 | - | 1 | - | - | 2 | - | - | - | 1 | 2 | 2 | 1 | - |
| Bethnal Green South - - E. | 34,194 | 37 | 11 | 5 | - | - | 2 | - | - | 2 | - | - | - | - | 2 | 2 | - | - |
| Bethnal Green East *WHl* - E. | 45,667 | 25 | 21 | 3 | 6 | - | 1 | - | - | 2 | - | - | - | - | - | - | 12 | - |
| Spitalfields - - - E. & N. | 26,681 | 16 | 4 | 3 | - | - | - | - | - | 1 | - | 1 | - | - | - | - | - | - |
| Mile End New Town *W* - E. | 12,816 | 12 | 15 | - | 6 | - | - | - | - | - | - | - | - | - | - | 1 | 11 | - |
| Whitechapel Church *H* - E. & N. | 25,561 | 10 | 25 | 5 | - | - | - | - | - | 1 | - | - | - | - | 1 | 1 | 19 | - |
| Goodman's Fields - - - E. | 13,618 | 7 | 6 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| St. George's North - - - E. | 39,576 | 25 | 8 | 4 | 1 | - | 1 | - | - | 1 | - | - | - | - | - | - | - | - |
| St. John, St. George East *W* E. | 7,930 | 3 | 7 | 3 | 2 | - | - | - | - | - | - | - | - | - | - | - | 6 | - |
| Shadwell *H* - - - E. & N. | 10,434 | 4 | 7 | 2 | - | - | - | - | - | - | - | - | - | - | 2 | 2 | 6 | - |
| Ratcliff *W* - - - - E. | 14,954 | 13 | 5 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| Limehouse - - - - - E. | 32,917 | 23 | 12 | 3 | 3 | - | - | - | - | - | - | - | - | 1 | - | 2 | - | - |
| Mile End Old Town West *H* E. | 111,060 | 40 | 9 | 1 | 3 | - | 2 | - | - | - | - | - | - | - | - | - | - | - |
| Mile End Old Town East *WWww* - E. | | 39 | 16 | 3 | 7 | - | 2 | - | - | 1 | - | - | - | - | - | - | 7 | - |
| Bow *l* - - - - - E. | 41,687 | 21 | 9 | 4 | 2 | - | 3 | - | - | 2 | - | - | - | - | 1 | 1 | - | - |
| Bromley *wwwH* - - - E. | 69,821 | 47 | 40 | 13 | 11 | - | 3 | - | - | 4 | - | - | - | - | 2 | 4 | 17 | - |
| Poplar *WW* - - - - E. | 57,759 | 37 | 20 | 3 | 5 | - | - | - | 1 | 2 | - | - | - | - | - | 4 | - | - |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 9th April, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Continued Fever. | Simple Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WHL*.&S. | 13,064 | 7 | 5 | 2 | – | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| St. Saviour Southwark - - S. | 12,301 | 3 | 3 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| Kent-road - - - - S. & L. | 22,879 | 14 | 6 | – | 2 | – | 1 | – | – | – | – | – | – | – | – | – | 2 | – | – |
| Borough-road *WH* - S. & L. | 16,083 | 12 | 9 | 4 | 1 | – | – | – | – | 1 | – | – | – | – | – | – | – | 8 | – |
| London-road *HL* - - L. & S. | 21,316 | 14 | 6 | 1 | 1 | – | – | – | – | 1 | – | – | – | – | – | – | – | 1 | – |
| Trinity Newington - - S. & L. | 28,723 | 14 | 5 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | 1 |
| St. Peter Walworth *W* - S. & L. | 62,045 | 39 | 22 | 4 | 3 | – | – | – | – | – | – | 1 | – | – | 1 | 1 | 3 | 1 | – |
| St. Mary Newington- - L. & S. | 30,171 | 20 | 11 | 3 | – | – | – | – | 1 | – | – | – | – | 1 | 1 | 2 | – | – | – |
| St. Olave *WH*- - - - S. | 11,731 | 4 | 18 | 6 | 4 | – | – | – | – | – | – | – | – | – | 4 | 3 | 16 | – | |
| Leather Market *W* - S & L. | 32,339 | 18 | 7 | 2 | 3 | – | – | – | – | – | – | – | – | – | – | 1 | 1 | – | |
| St. James Bermondsey - - S. | 53,136 | 35 | 16 | 8 | 4 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | 1 | |
| Rotherhithe *WwH* - S. & K. | 40,379 | 32 | 19 | 3 | 6 | – | 2 | – | – | – | – | – | – | – | – | – | 9 | – | |
| Waterloo-road *HH* - L. & S. | 28,396 | 16 | 9 | 2 | 2 | – | – | – | – | – | – | – | – | – | 1 | 1 | 2 | – | |
| Lambeth Church 1st *H*"- L. & S. | 18,770 | 12 | 15 | 1 | 1 | – | – | – | 1 | 1 | – | 1 | – | – | 2 | 2 | 13 | – | |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 33 | 29 | 2 | 13 | – | – | – | – | – | – | – | – | – | 2 | 4 | 23 | 1 | |
| Kennington 1st *H* - - S. & L. | 52,486 | 34 | 14 | 4 | 4 | – | 1 | – | 1 | – | – | – | – | – | 3 | 3 | – | 1 | |
| Kennington 2nd - - S. & L. | 43,244 | 27 | 15 | 2 | 6 | – | – | – | – | – | – | – | – | – | 2 | 2 | – | – | |
| Brixton *w* - - - L. & S. | 81,825 | 53 | 26 | 8 | 8 | – | – | 1 | – | 1 | – | – | – | – | 1 | 3 | 1 | 1 | |
| Norwood *WH*- - - - L. | 29,318 | 7 | 7 | – | 3 | – | – | – | – | 1 | – | – | – | – | – | – | 1 | – | |
| East Battersea - - - - S. | 71,730 | 58 | 23 | 13 | 2 | – | 2 | – | – | 2 | – | – | – | – | 2 | 3 | – | 1 | |
| West Battersea *WwH* - - S | 93,385 | 49 | 34 | 5 | 13 | – | 2 | – | – | – | – | – | – | – | 1 | 1 | 11 | – | |
| Clapham *H* - - - - S. | 46,953 | 23 | 8 | 1 | 3 | – | – | – | – | – | – | – | – | – | – | – | 1 | – | |
| Wandsworth *WHHL* - - S. | 58,101 | 41 | 7 | 1 | 5 | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Putney - - - - - S. | 20,566 | 5 | 6 | 2 | 1 | – | – | – | – | 1 | – | – | – | – | 1 | 1 | – | – | |
| Streatham *Wwww*- - - L. | 61,644 | 40 | 24 | 2 | 13 | – | 1 | 1 | 2 | – | – | – | – | – | – | 1 | 7 | – | |
| Dulwich - - - - L. & S. | 7,519 | 1 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Camberwell *Wwll* - S. & L. | 90,286 | 27 | 47 | 8 | 20 | – | 2 | – | – | 1 | – | – | – | – | 2 | 2 | 27 | – | |
| Peckham *WW* - S., L., & K. | 88,242 | 51 | 22 | 3 | 7 | – | 2 | – | 2 | 4 | – | – | – | – | – | – | – | – | |
| St. George Camberwell - L. & S. | 67,029 | 43 | 14 | 7 | 3 | – | 1 | – | – | – | – | – | – | – | 2 | 2 | – | 1 | |
| Deptford North - - - K. | 36,152 | 32 | 6 | – | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | 1 | |
| Deptford Central *w* - - K. | 45,441 | 39 | 16 | 8 | 1 | – | 2 | 2 | 1 | 1 | – | 1 | – | – | – | – | 4 | 1 | |
| Deptford South - - - K. | 33,402 | 7 | 7 | – | 4 | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Greenwich West *H* - - K. | 23,012 | 14 | 6 | 3 | 1 | – | – | – | – | 3 | – | – | – | – | – | – | – | 2 | |
| Greenwich East *WH* - - K. | 37,767 | 20 | 21 | 2 | 8 | – | – | – | – | 1 | – | – | – | – | 2 | 2 | 11 | – | |
| Eltham *wH* - - - - K. | 5,911 | 2 | 3 | – | 3 | – | – | – | – | – | – | – | – | – | – | – | 1 | – | |
| Lee *H* - - - - - K. | 24,222 | 8 | 5 | – | 2 | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | |
| Lewisham *WwH* - - - K. | 38,139 | 21 | 16 | 4 | 4 | – | – | 6 | 1 | 1 | – | – | – | – | – | – | 8 | – | |
| Sydenham *H* - - - - L. | 37,601 | 9 | 9 | 3 | – | – | 2 | – | – | – | – | – | – | – | 1 | 1 | – | – | |
| Charlton *wHH* - - K. | 15,928 | 5 | 6 | 2 | 3 | – | – | 1 | 1 | 1 | – | – | – | – | – | – | 1 | – | |
| Woolwich Dockyard - - K. | 19,355 | 12 | 4 | 2 | – | – | 1 | – | – | – | – | – | – | – | – | – | – | – | |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 13 | 6 | 2 | – | – | 1 | – | – | 1 | – | – | – | – | – | – | – | 2 | |
| Plumstead West *H* - - K. | 16,714 | 11 | 5 | 2 | 1 | – | – | – | – | – | – | – | – | 1 | – | – | – | 1 | |
| Plumstead East *WH* - - K. | 42,538 | 23 | 19 | 4 | 3 | – | – | – | – | 2 | – | – | – | – | – | – | 3 | 1 | |
| Banstead Asylum - - - - | — | – | 4 | – | 3 | – | – | – | – | – | – | – | – | – | – | – | 4 | – | |
| Caterham Asylum - - - - | — | – | 5 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 5 | – | |
| Cane Hill Asylum - - - - | — | – | 8 | – | 3 | – | – | – | – | – | – | – | – | – | – | – | 8 | – | |
| Hospital Ships and Camp, Dartford | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Darenth Asylum - - - - | — | – | 3 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 3 | – | |
| Hanwell Asylum - - - - | — | – | 4 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 4 | – | |
| Colney Hatch Asylum - - - | — | – | 4 | – | – | – | – | – | – | – | – | – | – | – | – | – | 4 | – | |
| N.E. Hospital - - - - - | — | – | 1 | – | – | – | – | 1 | – | – | – | – | – | – | – | – | 1 | – | |
| Winchmore Hill Hospital - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Leavesden Asylum - - - - | — | – | 8 | – | 6 | – | – | – | – | – | – | – | – | – | 2 | 2 | 8 | – | |
| Claybury Asylum - - - - | — | – | 9 | – | 4 | – | – | – | – | – | – | – | – | – | – | – | 9 | – | |

TABLE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 9th April, 1898.

| Registration District and Sub-district Numbers. | REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years & upwds. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LONDON—OUTER RING - | 368,749 | 1,422,063 | 930 | 503 | 132 | 130 | - | 36 | 4 | 13 | 15 | 2 | 6 | 17 | 38 | 52 | 4 |
| 30 : 1 | Carshalton *wHH* - - | 12,228 | 26,108 | 10 | 5 | - | 2 | - | - | - | - | - | - | - | - | - | 1 | - |
| 2 | Epsom, *part of** *WwHH* - | 10,423 | 12,508 | 5 | 4 | 1 | 1 | - | - | - | - | - | - | - | - | 1 | - | - |
| 37 : 1 | Godstone, *part of** *W* - | 2,754 | 1,598 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 38 : 1 | Croydon *WwHHH* - - | 20,851 | 128,699 | 61 | 48 | 12 | 21 | - | 4 | - | - | 1 | - | - | 1 | 1 | 7 | - |
| 2 | Mitcham *w* - - - | 11,697 | 23,088 | 11 | 5 | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - |
| 39 : 1 | Wimbledon *HHH* - - | 3,220 | 25,761 | 19 | 6 | 2 | 1 | - | 3 | - | - | - | - | - | 1 | 1 | - | - |
| 2 | Kingston *W* - - - | 8,071 | 33,566 | 30 | 19 | 6 | 3 | - | 3 | - | 1 | - | - | 1 | 2 | 2 | 2 | - |
| 3 | Surbiton *H* - - - | | 11,199 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4 | Esher, *part of** *HH* - - | 6,601 | 12,059 | 14 | 3 | 3 | - | - | - | - | - | - | - | - | - | - | - | - |
| 5 | Hampton *HL* - - - | 4,565 | 18,252 | 11 | 6 | 1 | 5 | - | - | - | - | - | - | - | - | - | - | - |
| 40 : 1 | Richmond *WH* - - - | 2,160 | 25,389 | 13 | 10 | 3 | 5 | - | - | - | - | - | - | 1 | - | 1 | - | - |
| 2 | Mortlake *H* - - - | 2,823 | 16,159 | 9 | 5 | 1 | - | - | - | - | 1 | 1 | - | - | 1 | 1 | - | - |
| 41 : 1 | Bromley *HHH* - - - | 9,127 | 23,815 | 5 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Beckenham *H* - - - | 6,542 | 21,969 | 20 | 9 | 1 | 2 | - | - | - | - | - | 1 | - | - | - | - | - |
| 3 | Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 14 | 6 | 1 | 3 | - | - | - | - | - | - | - | - | - | 4 | - |
| 42 : 1 | Bexley *HHH* - - - | 12,540 | 30,590 | 23 | 11 | 7 | 1 | - | - | - | - | - | - | 2 | 1 | 1 | - | - |
| 2 | Dartford *WH*, part of* - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 124 : 1 | Sunbury *w* - - - | 11,054 | 13,671 | 13 | 3 | - | - | - | - | - | - | 1 | - | - | - | 1 | - | - |
| 2 | Staines *WH* - - - | 13,277 | 13,221 | 13 | 4 | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - |
| 125 : 1 | Hillingdon *WHH* - - | 6,035 | 12,237 | 3 | 7 | - | 3 | - | - | - | 2 | - | - | - | - | - | 5 | - |
| 2 | Uxbridge - - - - | 12,757 | 7,253 | 3 | 3 | 1 | 1 | - | - | - | 1 | - | - | - | 1 | 1 | - | - |
| 3 | Hayes *wH* - - - - | 7,952 | 11,051 | 2 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 126 : 1 | Isleworth *WHH* - - | 6,967 | 26,004 | 16 | 17 | 3 | 4 | - | 2 | - | - | - | - | - | - | - | 5 | - |
| 2 | Twickenham *HH* - - | 2,415 | 16,027 | 5 | 7 | 1 | 2 | - | - | - | - | 1 | - | - | - | - | - | 1 |
| 3 | Brentford *HHHH* - - | 4,318 | 37,777 | 25 | 15 | 5 | 5 | - | - | - | - | - | - | - | - | - | - | - |
| 4 | Chiswick - - - - | 1,245 | 21,963 | 22 | 9 | 3 | 1 | - | 2 | - | - | - | - | - | - | 1 | - | - |
| 5 | Acton *wH* - - - - | 6,132 | 30,945 | 14 | 13 | 3 | 4 | - | - | - | - | - | - | - | 1 | 1 | - | - |
| 127 : 1 | Harrow *HHH* - - - | 13,809 | 15,715 | 7 | 3 | 1 | 1 | - | - | - | - | - | - | - | 1 | 1 | - | - |
| 2 | Edgware *HH* - - - | 6,994 | 3,844 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Willesden *HHH* - - | 4,383 | 61,265 | 46 | 20 | 5 | 4 | - | 3 | 1 | 1 | - | - | 1 | 1 | - | 2 | - |
| 4 | Hendon *WH* - - - | 8,382 | 15,843 | 13 | 9 | 3 | 3 | - | - | - | - | - | - | - | 1 | 2 | 3 | - |
| 128 : 1 | South Mimms *HH* - - | 21,077 | 6,367 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Barnet *WHH* - - - | | 14,152 | 7 | 4 | - | 2 | - | - | - | - | - | - | - | - | - | - | 1 |
| 3 | Finchley *HHH* - - - | 4,688 | 25,820 | 14 | 5 | 2 | 1 | - | 1 | - | - | - | - | - | - | - | - | - |
| 129 : 1 | Hornsey *HH* - - - | 3,039 | 61,097 | 24 | 9 | 3 | 4 | - | - | - | - | - | - | - | - | 3 | - | - |
| 2 | Tottenham *HH* - - - | 4,642 | 97,174 | 60 | 36 | 6 | 7 | - | 4 | - | 1 | 2 | - | - | 2 | 5 | 2 | - |
| 3 | Edmonton *Www* - - | 7,489 | 36,351 | 23 | 14 | 4 | 6 | - | 1 | - | - | - | - | - | - | 4 | 5 | - |
| 4 | Enfield *WWHH* - - | 12,602 | 31,536 | 28 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 5 | Waltham Abbey - - - | 11,017 | 6,066 | 3 | 3 | - | 1 | - | - | - | - | - | - | - | - | 1 | - | - |
| 6 | Cheshunt *H* - - - | 8,480 | 9,620 | 5 | 7 | 1 | 2 | - | - | - | - | - | - | - | - | 1 | - | - |
| 135 : 1 | Hatfield, *part of** *W* - | 3,306 | 582 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 137 : 1 | Bushey *H* - - - - | 9,331 | 7,737 | 1 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Watford *WH*, part of* - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 186 : 1 | Stratford *H* - - - | 4,706 | 38,612 | 32 | 14 | 4 | 3 | - | - | - | - | 2 | - | - | - | - | 2 | - |
| 2 | Plaistow *WHH* - - - | | 58,030 | 39 | 22 | 11 | 3 | - | - | 1 | 1 | 2 | - | - | 1 | 1 | 3 | 1 |
| 3 | Canning Town *H* - - | | 54,750 | 62 | 21 | 8 | 5 | - | - | - | 1 | - | - | - | 2 | 2 | 1 | - |
| 4 | Forest Gate *w* - - - | | 53,511 | 15 | 22 | 7 | 4 | - | 2 | 1 | - | 2 | - | - | - | - | - | 1 |
| 5 | East Ham *wH* - - - | 3,266 | 32,713 | 59 | 12 | 4 | 2 | - | 1 | - | - | 1 | - | - | - | 1 | - | - |
| 6 | Leyton *WWWwH* - - | 4,334 | 70,188 | 34 | 31 | 7 | 3 | - | 5 | 1 | 1 | 1 | 1 | 1 | - | 2 | 5 | - |
| 7 | Walthamstow *HHL* - - | 6,501 | 57,330 | 49 | 26 | 7 | 5 | - | 3 | - | 2 | - | - | - | 1 | 2 | 1 | - |
| 187 : 1 | Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 4 | 3 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| 2 | Epping *WH*, part of* - | — | — | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| 189 : 1 | Romford, *part of** *WH* - | 6,556 | 4,324 | 4 | 2 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Ilford - - - - - | 8,493 | 10,913 | 9 | 7 | 2 | 1 | - | - | - | 1 | 1 | - | - | - | 1 | - | - |
| 3 | Barking Town, *H* - - | 3,814 | 14,301 | 23 | 6 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| | Middlesex Co. Lunatic Asy. Wandsworth. | — | — | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| | London Co. Asy., Cane Hill | — | — | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | - |

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30 : 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37 : 1, the parishes of Warlingham and Farley in Godstone sub-district; 39 : 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41 : 3, Chislehurst sub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135 : 1, the parish of Northaw in Hatfield sub-district; 187 : 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (pop. 1,079); 189 : 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for Infectious Diseases belonging to the Outer Ring in 42 : 2, Dartford; 137 : 2, Watford; and 187; 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 9th April, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | Annual Rate of Mortality per 1000 living. From All Causes. | Annual Rate of Mortality per 1000 living. From Diseases in Cols. 8-14. | Deaths from All Causes. | The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. | 16. |
| GREATER LONDON | **443,421** | **6,408,321** | **17·9** | **2·6** | **2194** | **500** | **568** | **–** | **144** | **23** | **42** | **79** | **11** | **21** | **95** | **581** |
| INNER LONDON - | 74,672 | 4,504,766 | 19·6 | 2·8 | 1691 | 368 | 438 | – | 108 | 19 | 29 | 64 | 9 | 15 | 78 | 529 |
| OUTER RING - | 368,749 | 1,903,555 | 13·8 | 2·1 | 503 | 132 | 130 | – | 36 | 4 | 13 | 15 | 2 | 6 | 17 | 52 |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent to the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

| CITIES | Population (enumerated or estimated). | Date of Return. Week ending | Births. Exclusive of Stillborn | Deaths. Exclusive of Stillborn | Annual Death-rate per 1000 living. | Deaths from Principal Zymotic Diseases. Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœal Diseases. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 295,628 | April 9 | 176 | 100 | 17·6 | – | 2 | – | 1 | 3 | 2 | 2 |
| GLASGOW - - | 724,349 | „ 9 | 448 | 367 | 26·4 | – | 21 | 3 | 2 | 31 | 2 | 11 |
| DUBLIN - - | 349,594 | „ 9 | 163 | 163 | 24·3 | – | – | – | 2 | 2 | 3 | 2 |
| CALCUTTA - - | 466,460 | February 26 | – | 293 | 32·7 | 3 | 1 | – | 1 | – | 95 | 47† |
| BOMBAY - - | 821,764 | March 15 | 116 | 2113 | 133·7 | 5 | 10 | ? | ? | ? | 1166‡ | 125† |
| MADRAS - - | 452,518 | „ 4 | 284 | 328 | 37·6 | 9 | 28 | ? | ? | ? | 117 | 37† |
| PARIS - - - | 2,511,629 | April 2 | 1120 | 1102 | 22·8 | – | 28 | 3 | 11* | 6 | 3 | 43 |
| BRUSSELS - - | 531,024 | „ 2 | 250 | 229 | 23·4 | – | – | – | 1* | 6 | 2 | 13 |
| AMSTERDAM - | 505,326 | March 26 | 288 | 172 | 17·8 | – | – | – | – | 4 | 1 | – |
| ROTTERDAM - | 290,004 | „ 26 | 204 | 126 | 22·6 | – | 2 | – | 1 | 4 | – | – |
| THE HAGUE - | 191,529 | „ 26 | 103 | 68 | 18·4 | – | – | – | 1 | 1 | – | – |
| COPENHAGEN - | 340,500 | April 2 | 164 | 111 | 17·0 | – | – | 1 | 3 | 2 | – | 16 |
| STOCKHOLM - | 274,611 | March 26 | 127 | 101 | 19·1 | – | 1 | – | – | – | – | 2 |
| CHRISTIANIA - | 192,141 | April 2 | 130 | 74 | 20·0 | 1 | 1 | – | 1 | – | – | 1 |
| ST. PETERSBURG | 954,400 | March 26 | 721 | 639 | 34·9 | – | 10 | 20 | 29 | 2 | 29 | 53 |
| MOSCOW - - | 988,610 | „ 26 | – | 557 | 29·4 | 1 | 6 | 7 | 10 | – | 12 | 62 |
| BERLIN - - | 1,753,775 | „ 19 | 933 | 582 | 17·2 | – | 7 | 5 | 12 | 8 | 2 | 29 |
| HAMBURG - - | 661,015 | April 2 | – | 236 | 18·6 | – | 3 | 3 | 1* | 4 | 1 | 8 |
| DRESDEN - - | 377,500 | March 12 | – | 155 | 21·3 | – | 4 | 1 | 3* | 1 | – | 10 |
| BRESLAU - - | 392,795 | April 2 | – | 190 | 25·2 | – | 1 | – | 1* | 1 | – | 14 |
| MUNICH - - | 430,000 | March 26 | – | – | – | – | – | – | – | – | – | – |
| VIENNA - - | 1,574,129 | April 2 | 906 | 733 | 24·2 | – | 36 | 4 | 8* | – | 1 | 48 |
| PRAGUE - - | 377,109 | „ 2 | 200 | 198 | 27·3 | – | 6 | 1 | 3 | – | 3 | 9 |
| BUDA-PESTH - | 648,104 | „ 2 | 472 | 310 | 24·9 | – | 4 | 7 | 3 | 1 | 3 | 14 |
| TRIESTE - - | 164,491 | „ 2 | 83 | 71 | 22·4 | – | – | 1 | 2* | – | – | 2 |
| ROME - - - | 489,965 | February 26 | 205 | 277 | 29·5 | – | 2 | – | – | – | 4§ | 14 |
| TURIN (10 days) | 344,203 | „ 20 | – | – | – | – | – | – | – | – | – | – |
| VENICE - - | 167,074 | April 2 | 73 | 61 | 19·0 | – | – | – | – | – | – | 2 |
| CAIRO - - | 570,062 | January 14 | 493 | 347 | 31·6 | – | 1 | – | 5* | 1 | 4 | 55 |
| ALEXANDRIA - | 319,766 | „ 14 | 231 | 162 | 26·3 | 6 | – | – | 3* | – | 2 | 38 |
| NEW YORK (including BROOKLYN) | 3,438,899 | March 19 | 1582 | 1225 | 18·6 | – | 31 | 19 | 49 | 10 | 8 | 9 |
| PHILADELPHIA - | 1,240,266 | „ 19 | – | 484 | 20·3 | – | 13 | 4 | 28 | 3 | 12 | 5 |

* Including deaths from croup.
† Including 12 deaths from cholera in Calcutta, 1 in Bombay, and 8 in Madras.
‡ Including 1059 deaths from bubonic fever.
§ Including 3 deaths from malarial fever.

| 1898. Month and Day. | Phases of the Moon. | Meter. Mean daily reading (corrected and reduced to 32° Fahrenheit). | Temperature. Of the Air. High-est. | Low-est. | Daily Range. | Mean daily value. | Departure from Average of 50 years. | Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Great-est. | Least. | Degree of Humidity (Saturation equals 100). | Temperature. Of Radiation. Highest in Sun's Rays. | Lowest on the Grass. | Of the Earth 3 feet below the Surface. | Wind as deduced from Anemometers. Osler's. General Direction. A.M. | P.M. | Pressure on the Square Foot. Great-est. | Least. | Mean of 24 hourly obs. | Robinson's. Horizontal Movement of the Air on each Day. | Depar-ture from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| April | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| Sunday - 3 | .. | 29·675 | 57·2 | 43·2 | 14·0 | 47·9 | + 1·9 | 36·6 | 11·3 | 19·2 | 4·0 | 65 | 93·4 | 40·2 | 42·72 | W. & WNW. | W. | 2·5 | 0·0 | 0·2 | 316 | + 19 | 0·00 | 0·2 |
| Monday - 4 | In Equator | 29·745 | 54·2 | 37·8 | 16·4 | 45·2 | − 1·0 | 35·5 | 9·7 | 17·8 | 4·8 | 69 | 96·6 | 31·0 | 43·12 | WSW., W. & NW. | NW., N. & NNE. | 5·3 | 0·0 | 0·4 | 345 | + 48 | 0·03 | 0·8 |
| Tuesday - 5 | .. | 30·020 | 53·3 | 32·6 | 20·7 | 42·5 | − 3·7 | 30·8 | 11·7 | 20·2 | 3·1 | 63 | 102·7 | 26·3 | 43·50 | N., NE. & E. | ESE., SE. & SSE. | 0·8 | 0·0 | 0·0 | 138 | −158 | 0·00 | 0·0 |
| Wednesday 6 | Full | 29·965 | 61·2 | 33·6 | 27·6 | 47·9 | + 1·7 | 36·8 | 11·1 | 21·3 | 2·5 | 65 | 114·4 | 26·9 | 43·66 | SSE. S. & SW. | WSW. & SW. | 4·4 | 0·0 | 0·3 | 329 | + 34 | 0·00 | 0·2 |
| Thursday - 7 | .. | 30·057 | 60·1 | 46·9 | 13·2 | 51·7 | + 5·6 | 47·0 | 4·7 | 12·0 | 2·1 | 84 | 103·5 | 42·2 | 43·81 | WSW. | WSW. & SW. | 3·5 | 0·0 | 0·4 | 373 | + 80 | 0·00 | 0·8 |
| Friday - 8 | .. | 30·027 | 67·2 | 42·2 | 25·0 | 55·7 | + 9·8 | 38·5 | 17·2 | 26·1 | 2·2 | 52 | 125·0 | 37·6 | 44·41 | WSW., SW. & SSW. | SSW., SW. & S. | 3·8 | 0·0 | 0·2 | 265 | − 27 | 0·00 | 1·2 |
| Saturday - 9 | Perigee | 29·723 | 61·8 | 47·8 | 14·0 | 54·1 | + 8·5 | 45·2 | 8·9 | 15·8 | 3·2 | 72 | 112·8 | 44·8 | 45·00 | SSW., SW. & WSW. | W. & SW. | 16·0 | 0·0 | 1·1 | 539 | +249 | 0·10 | 4·6 |
| Means - - | | 29·887 | 59·3 | 40·6 | 18·7 | 49·3 | + 3·3 | 38·6 | 10·7 | 18·9 | 3·1 | 67 | 106·9 | 35·6 | 43·75 | Variable. | | .. | .. | .. | Sum 2305 | Sum +245 | Sum 0·13 | 1·1 |
| No. of Column - | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| Date. April | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | General Remarks. |
|---|---|---|---|---|
| Sunday - 3 | m. P. generally - | 4·9 | 13·0 | Fine ; partially cloudy. |
| Monday - 4 | w. P. & v. N. till 3h. A.M.; v.P. till 10h. A.M.; s. P. & s. N. till noon; s. P. afterwards. | 4·7 | 13·1 | Cloudy with occasional showers till noon ; fine and partially cloudy till 7h. P.M. ; generally cloudless afterwards. |
| Tuesday - 5 | s. P. till 9h. A.M. ; m. P. generally afterwards. | 9·2 | 13·2 | Cloudless with hoar frost in morning ; very fine with few light clouds till evening ; cloudless afterwards. |
| Wednesday 6 | m. P. generally - | 8·7 | 13·2 | Cloudless with hoar frost in morning ; very fine with small amounts of cloud afterwards. Solar halo in afternoon. |
| Thursday - 7 | w. P. till noon ; m. P. afterwards. | 2·0 | 13·3 | Cloudy till 4h. P.M. ; fine afterwards. Lunar halo at night. |
| Friday - 8 | m. P. till 9h. A.M. ; w. P. till 6h. P.M. ; m. P. afterwards. | 12·3 | 13·4 | Generally cloudless. A very fine warm day. |
| Saturday - 9 | w. P. till 5h. A.M. ; v. P. & v. N. till 2h. P.M. ; m. P. afterwards. | 6·0 | 13·4 | Cloudy in morning with sharp shower between 6h. A.M. and 7h. A.M. ; variable and showery till evening ; overcast afterwards. Several peals of thunder in the North between noon and 0h. 30m. P.M. |
| | | Sum 47·8 | Sum 92·6 | |
| No. of Col. - - | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea ; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M. ; noon ; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive ; N. negative ; w. weak ; m. moderate ; s. strong ; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer increased from 29·62 in. at the beginning of the week to 30·03 in. by noon on the 5th ; decreased to 29·94 in. by 3h. P.M. on the 6th ; increased to 30·10 in. by 11h. P.M. on the 7th ; decreased to 29·68 in. by noon on the 9th ; increased to 29·81 in. by 8h. P.M. on the same day ; and decreased to 29·79 in. by the end of the week.

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1893.

OFFICIAL COPY.

# WEEKLY RETURN

OF

# BIRTHS AND DEATHS IN LONDON

AND IN

## THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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No. 15. 1898. Vol. LIX.] Week ending Saturday, April 16. [Price 1½*d.*

*General Register Office, Somerset House,*
*April 18th*, 1898.

### Thirty-three Great Towns.

The deaths registered last week in Thirty-three Great Towns of England and Wales corresponded to an annual rate of 19·5 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| Towns. | Weeks ending Mar. 26. | April 2. | April 9. | April 16. | Towns. | Weeks ending Mar. 26. | April 2. | April 9. | April 16. |
|---|---|---|---|---|---|---|---|---|---|
| 33 Great Towns | 20·2 | 21·5 | 20·2 | 19·5 | Leicester - - | 17·2 | 18·5 | 21·0 | 24·2 |
| Birkenhead - | 16·6 | 24·9 | 17·0 | 16·1 | Liverpool - - | 23·0 | 30·7 | 27·7 | 27·5 |
| Birmingham - | 19·2 | 21·3 | 22·9 | 18·1 | London - - - | 20·0 | 21·8 | 19·6 | 19·1 |
| Blackburn - | 14·5 | 21·9 | 17·2 | 18·8 | Manchester - - | 18·9 | 23·2 | 18·7 | 22·0 |
| Bolton - - | 19·2 | 22·6 | 20·4 | 14·0 | Newcastle-on-Tyne | 19·9 | 17·3 | 22·9 | 26·0 |
| Bradford - | 25·4 | 22·8 | 21·9 | 21·4 | Norwich - - | 15·9 | 18·2 | 15·9 | 20·5 |
| Brighton - | 24·7 | 19·6 | 17·5 | 15·8 | Nottingham - - | 21·4 | 21·2 | 19·9 | 16·1 |
| Bristol - | 23·9 | 22·4 | 19·7 | 17·6 | Oldham - - | 25·0 | 18·6 | 14·1 | 24·6 |
| Burnley - | 15·2 | 20·9 | 20·5 | 17·1 | Plymouth - - | 24·2 | 22·6 | 23·7 | 19·5 |
| Cardiff - - | 21·1 | 17·6 | 15·3 | 16·7 | Portsmouth - - | 17·6 | 16·8 | 12·6 | 12·6 |
| Croydon - | 15·5 | 15·5 | 18·0 | 17·2 | Preston - - | 25·1 | 22·9 | 21·1 | 12·5 |
| Derby - - | 12·9 | 20·9 | 23·4 | 18·4 | Salford - - - | 20·5 | 19·6 | 25·6 | 22·0 |
| Gateshead - | 19·1 | 15·6 | 16·1 | 25·6 | Sheffield - - | 20·9 | 19·3 | 23·0 | 16·5 |
| Halifax - | 20·5 | 18·3 | 18·9 | 23·2 | Sunderland - - | 22·5 | 19·9 | 19·9 | 18·5 |
| Huddersfield- | 17·3 | 15·3 | 20·4 | 16·3 | Swansea - - | 31·2 | 25·6 | 16·4 | 14·8 |
| Hull - - | 20·6 | 18·1 | 20·9 | 19·3 | West Ham - - | 18·2 | 14·7 | 14·7 | 13·6 |
| Leeds - - | 18·3 | 24·4 | 23·5 | 22·0 | Wolverhampton - | 16·6 | 25·5 | 19·5 | 21·9 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·0 in Huddersfield, 1·1 in Bradford, 1·3 in London, 1·4 in Sunderland, 1·5 in Swansea and in Derby, 1·6 in Leeds, 1·7 in Brighton, 1·8 in Wolverhampton, 2·0 in Bristol, 2·7 in Halifax, and 3·0 in Leicester; from *scarlet fever*, 1·0 in Derby; and from *whooping-cough*, 1·0 in Gateshead, and 1·2 in Newcastle-on-Tyne. In no case did the death-rate from "*fever*" or from *diarrhœa* reach 1·0 per 1000 in any of the thirty-three towns. The 70 deaths from *diphtheria* included 34 in London, 7 in Cardiff, 4 in West Ham, 3 in Croydon, and 3 in Birmingham. One death from *small-pox* was registered in Newcastle-on-Tyne, but not one in any other of the thirty-three towns.

In the registration district of Middlesbrough 8 deaths from small-pox were registered last week, making a total of 188 deaths from this disease since the beginning of the year.

### London.

In London† 2623 births and 1648 deaths were registered. Allowing for increase of population, the births were 27, and the deaths 59, below the average numbers in the corresponding weeks of the last ten

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

years. The annual death-rate per 1000 from all causes, which had been 20·0, 21·8, and 19·6 in the preceding three weeks, further fell last week to 19·1. During the four weeks ending on Saturday last the death-rate averaged 20·1 per 1000, being 0·1 per 1000 above the mean rate in the corresponding periods of the ten years 1888–97.

The 1648 deaths included 117 from measles, 12 from scarlet fever, 34 from diphtheria, 59 from whooping-cough, 7 from enteric fever, 12 from diarrhœa and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 241 deaths were referred to these diseases, being 32 above the corrected average weekly number.

The deaths from *measles*, which had been 143, 115, and 108 in the preceding three weeks, rose again last week to 117, and were 49 above the corrected average; 12 cases belonged to Islington, 8 to Kensington, 8 to Battersea, 7 to Camberwell, 6 to Greenwich, 6 to Bethnal Green, 6 to Wandsworth, 5 to Paddington, and 5 to St. Pancras sanitary areas. The deaths from *scarlet fever*, which had been 15, 22, and 19 in the preceding three weeks, further fell last week to 12, and were 4 below the corrected average. The deaths from *diphtheria*, which had been 53, 45, and 29 in the preceding three weeks, rose again last week to 34, the corrected average being 35; 5 cases belonged to Hackney and 4 to Islington sanitary areas. The deaths from *whooping-cough*, which had been 59, 63, and 64 in the preceding three weeks, fell again last week to 59, and were 10 below the corrected average; 6 cases belonged to Westminster, 6 to Islington, and 6 to Poplar sanitary areas. The fatal cases of *enteric fever*, which had been 1, 7, and 9 in the preceding three weeks, fell again last week to 7, the corrected average being 6. The deaths from *diarrhœa*, which had been 9, 9, and 15 in the preceding three weeks, fell again last week to 12, and were 3 below the corrected average. The deaths referred to diseases of the respiratory organs, which had been 402, 451, and 372 in the preceding three weeks, further fell last week to 305, and were 81 below the corrected average. The deaths attributed directly to *influenza* numbered 32, having been 34, 52, and 33 in the preceding three weeks.

Different forms of violence caused 76 deaths, concerning all but 1 of which inquests were held. Of these 76 deaths, 9 were cases of suicide and 2 of homicide, while the remaining 65 were attributed to accident or negligence. Six of these were referred to vehicles in the streets, 8 to burns and scalds, and 29 (of infants under one year of age), to suffocation in bed.

### Cases of Infectious Sickness in Hospitals.*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2384 cases of scarlet fever, 962 of diphtheria, 6 of typhus, and 61 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 217 cases, against 191, 239, and 234; of diphtheria, 109 cases, against 133, 121, and 121; and of enteric fever, 13 cases, against 10, 7, and 11.

### Greater London.

In Greater London 3556 births and 2120 deaths were registered, corresponding to annual rates of 28·9 and 17·3 per 1000 of the estimated population. In the Outer Ring 29 deaths from measles, 2 from scarlet fever, 21 from diphtheria, 17 from whooping-cough, 3 from "fever," and 4 from diarrhœa were registered. Seven deaths from measles, 9 from diphtheria, 8 from whooping-cough, and 3 from "fever" occurred in West Ham district; 8 deaths from measles occurred in Edmonton district, and 6 in Brentford district; 3 deaths from diphtheria occurred in Croydon, 3 in Dartford, 3 in Hendon, and 3 in Edmonton districts.

### Meteorology.

The mean reading of the Barometer last week at Greenwich was 29·66 inches, and that of the Thermometer 49°·3, the latter being 3°·1 above the week's average in the 50 years 1841–90. The direction of the wind was variable, the horizontal movement of the air being 32 per cent. above the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 25·8 hours; the measured rainfall amounted to 0·31 of an inch.

* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Registered during the Week ending 16th April 1898. Births. | Deaths. | The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Annual Rate per 1000, corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6-12. | Temperature of the Air. Highest. (Fahrenheit.) | Lowest. (Fahrenheit.) | Mean. Fahrenheit. | Centigrade. | Rainfall. In Inches. | In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| **33 Towns** | **11,218,378** | **6629** | **4201** | **985** | **1061** | **1** | **219** | **33** | **70** | **114** | **29** | **22** | **184** | **373** | **849** | **75** | **19·5** | **2·3** | **62·0** | **31·0** | **47·6** | **8·67** | **0·84** | **2·13** | **33 Towns.** |
| London | 4,504,766 | 2623 | 1648 | 377 | 434 | - | 117 | 12 | 34 | 59 | 7 | 12 | 76 | 158 | 461 | 22 | 19·1 | 2·8 | 60·5 | 37·0 | 49·3 | 9·61 | 0·31 | 0·79 | London. |
| West Ham | 286,654 | 142 | 75 | 18 | 15 | - | - | - | 4 | 5 | 1 | - | 2 | 2 | 15 | 3 | 13·6 | 1·8 | - | - | - | - | - | - | West Ham. |
| Croydon | 124,421 | 62 | 41 | 7 | 14 | - | 1 | 1 | 3 | - | - | - | 1 | 3 | 10 | - | 17·2 | 2·1 | 62·0 | 32·0 | 48·9 | 9·39 | 0·56 | 1·42 | Croydon. |
| Brighton | 122,310 | 71 | 37 | 9 | 10 | - | 4 | - | - | - | - | - | 2 | 3 | 2 | - | 15·8 | 1·7 | 59·0 | 36·8 | 48·0 | 8·89 | 0·34 | 0·86 | Brighton. |
| Portsmouth | 186,618 | 110 | 45 | 8 | 21 | - | - | - | 1 | 3 | - | - | 1 | 5 | 10 | - | 12·6 | 1·1 | 59·0 | 35·0 | 49·6 | 9·78 | 0·17 | 0·43 | Portsmouth. |
| Plymouth | 99,136 | 61 | 37 | 6 | 14 | - | - | - | - | 1 | - | - | 2 | 5 | 3 | 1 | 19·5 | 0·5 | - | - | - | - | - | - | Plymouth. |
| Bristol | 316,900 | 157 | 107 | 33 | 31 | - | 12 | - | 2 | 2 | - | 1 | 2 | 14 | 18 | 1 | 17·6 | 2·8 | 56·0 | 31·0 | 46·5 | 8·06 | 0·59 | 1·50 | Bristol. |
| Cardiff | 177,770 | 95 | 57 | 9 | 14 | - | 2 | 1 | 7 | - | 2 | - | 3 | 4 | 9 | 1 | 16·7 | 3·5 | - | - | - | - | - | - | Cardiff. |
| Swansea | 102,001 | 83 | 29 | 7 | 7 | - | 3 | - | 1 | - | - | - | - | 4 | 5 | - | 14·8 | 2·0 | - | - | - | - | - | - | Swansea. |
| Wolverhampton | 88,051 | 55 | 37 | 8 | 13 | - | 3 | 1 | 1 | - | - | - | 2 | 3 | - | - | 21·9 | 3·0 | 55·8 | 32·2 | 45·1 | 7·28 | 0·75 | 1·90 | Wolverhampton |
| Birmingham | 510,343 | 328 | 177 | 50 | 30 | - | 5 | 5 | 3 | 8 | 3 | 1 | 9 | 11 | 30 | 5 | 18·1 | 2·6 | - | - | - | - | - | - | Birmingham. |
| Norwich | 111,699 | 81 | 44 | 7 | 16 | - | - | - | - | 2 | 1 | - | 1 | 3 | 7 | - | 20·5 | 1·4 | 59·4 | 34·0 | 48·1 | 8·94 | 0·60 | 1·52 | Norwich. |
| Leicester | 208,662 | 140 | 97 | 30 | 18 | - | 12 | 1 | 2 | 1 | 1 | - | - | 6 | 6 | 4 | 24·2 | 4·2 | - | - | - | - | - | - | Leicester. |
| Nottingham | 236,137 | 114 | 73 | 15 | 26 | - | 1 | 2 | - | 1 | - | - | 5 | 5 | 16 | 1 | 16·1 | 0·9 | 58·1 | 32·7 | 46·7 | 8·17 | 1·25 | 3·17 | Nottingham. |
| Derby | 104,834 | 51 | 37 | 10 | 8 | - | 3 | 2 | - | - | - | - | 2 | 5 | 4 | - | 18·4 | 2·5 | - | - | - | - | - | - | Derby. |
| Birkenhead | 113,189 | 69 | 35 | 6 | 12 | - | 1 | 1 | - | - | - | 1 | 1 | 3 | 4 | - | 16·1 | 1·4 | - | - | - | - | - | - | Birkenhead. |
| Liverpool | 633,645 | 439 | 334 | 72 | 79 | - | 5 | 1 | 2 | 11 | 3 | 1 | 15 | 22 | 67 | 17 | 27·5 | 1·9 | 56·3 | 38·3 | 45·6 | 8·11 | 1·10 | 2·79 | Liverpool. |
| Bolton | 122,495 | 82 | 33 | 9 | 7 | - | - | - | 1 | 1 | 1 | - | 1 | 6 | 2 | - | 14·0 | 1·3 | - | - | - | - | - | - | Bolton. |
| Manchester | 539,079 | 331 | 227 | 55 | 44 | - | 4 | 1 | 2 | 2 | 3 | 2 | 8 | 22 | 46 | - | 22·0 | 1·4 | - | - | - | - | - | - | Manchester. |
| Salford | 215,702 | 161 | 91 | 20 | 15 | - | 1 | - | - | 1 | - | - | - | 1 | 17 | 1 | 22·0 | 0·5 | - | - | - | - | - | - | Salford. |
| Oldham | 148,288 | 62 | 70 | 11 | 26 | - | 2 | 1 | 1 | 1 | 1 | - | 2 | 4 | 10 | 1 | 24·6 | 2·1 | - | - | - | - | - | - | Oldham. |
| Burnley | 109,546 | 55 | 36 | 12 | 8 | - | - | - | 1 | - | - | - | 1 | 2 | 1 | 3 | 17·1 | 0·5 | - | - | - | - | - | - | Burnley. |
| Blackburn | 133,228 | 85 | 48 | 11 | 9 | - | 1 | - | 1 | - | - | - | 2 | 2 | 6 | 1 | 18·8 | 0·8 | - | - | - | - | - | - | Blackburn. |
| Preston | 116,356 | 57 | 28 | 6 | 10 | - | - | - | - | - | - | - | 2 | 3 | 3 | 1 | 12·5 | - | - | - | - | - | - | - | Preston. |
| Huddersfield | 102,454 | 40 | 32 | 3 | 12 | - | 2 | - | - | - | - | - | 1 | - | 2 | 1 | 16·3 | 1·0 | 55·0 | 39·4 | 46·4 | 8·00 | 1·02 | 2·59 | Huddersfield. |
| Halifax | 96,729 | 38 | 43 | 7 | 12 | - | 5 | - | - | - | - | 1 | 1 | 1 | 6 | 2 | 23·2 | 3·2 | - | - | - | - | - | - | Halifax. |
| Bradford | 233,737 | 135 | 96 | 17 | 31 | - | 5 | - | - | - | 1 | - | 4 | 9 | 9 | 4 | 21·4 | 1·3 | 56·6 | 41·6 | 48·5 | 9·17 | 1·57 | 3·99 | Bradford. |
| Leeds | 416,618 | 246 | 176 | 57 | 25 | - | 13 | 2 | 2 | 5 | 2 | - | 7 | 15 | 20 | - | 22·0 | 3·0 | - | - | - | - | - | - | Leeds. |
| Sheffield | 356,478 | 223 | 113 | 34 | 26 | - | 4 | 1 | 1 | 3 | 1 | 2 | 4 | 5 | 12 | 6 | 16·5 | 1·8 | - | - | - | - | - | - | Sheffield. |
| Hull | 229,887 | 131 | 85 | 21 | 27 | - | 4 | - | - | - | - | - | 11 | 18 | 16 | - | 19·3 | 0·9 | 58·0 | 35·0 | 46·9 | 8·28 | 1·84 | 4·67 | Hull. |
| Sunderland | 143,849 | 98 | 51 | 15 | 11 | - | 4 | - | - | 1 | - | - | 1 | 4 | 7 | - | 18·5 | 1·8 | - | - | - | - | - | - | Sunderland. |
| Gateshead | 103,775 | 76 | 51 | 10 | 14 | - | 1 | - | 1 | 2 | 1 | 1 | - | 1 | 6 | - | 25·6 | 3·0 | - | - | - | - | - | - | Gateshead. |
| Newcastle | 223,021 | 128 | 111 | 25 | 22 | 1 | 4 | 1 | - | 5 | 1 | - | 15 | 24 | 19 | - | 26·0 | 2·8 | - | - | - | - | - | - | Newcastle. |

* See note * on first page of this return.

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the FIFTEENTH Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2831 | 2509 | 2360 | 2716 | 2187 | 2667 | 2600 | 2380 | 2632 | 2250 | 2649·9 | 2623 |
| Males - - | 1442 | 1292 | 1154 | 1345 | 1112 | 1313 | 1338 | 1233 | 1414 | 1144 | 1345·6 | 1336 |
| Females - | 1389 | 1217 | 1206 | 1371 | 1075 | 1354 | 1262 | 1147 | 1268 | 1106 | 1304·3 | 1287 |
| TOTAL **Deaths** - | 1692 | 1493 | 1619 | 1766 | 1590 | 1631 | 1609 | 1622 | 1727 | 1418 | 1706·5 | 1648 |
| Males - - | 882 | 777 | 842 | 978 | 836 | 894 | 815 | 817 | 883 | 752 | 892·4 | 863 |
| Females - - | 810 | 716 | 777 | 788 | 754 | 787 | 794 | 805 | 839 | 666 | 814·1 | 785 |

* The numbers in this column are the average weekly numbers in the fifteenth week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | Jan. 22. | Jan. 29. | Feb. 5. | Feb. 12. | Feb. 19. | Feb. 26. | Mar. 5. | Mar. 12. | Mar 19. | Mar. 26. | Apr. 2. | Apr. 9. | Apr. 16. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** - - - | 2631 | 2639 | 2603 | 2843 | 2527 | 2644 | 2585 | 2736 | 2576 | 2218 | 2860 | 2415 | 2623 |
| TOTAL **Deaths** - - - | 2021 | 1764 | 1861 | 1922 | 1856 | 1889 | 1805 | 1854 | 1869 | 1731 | 1883 | 1691 | 1648 |
| Ages at Death: Under 1 year - - | 404 | 358 | 385 | 366 | 392 | 398 | 384 | 381 | 367 | 331 | 386 | 368 | 377 |
| 1–5 years - - | 367 | 306 | 298 | 318 | 318 | 324 | 302 | 340 | 311 | 358 | 338 | 295 | 285 |
| 5–20 " - - | 76 | 72 | 92 | 93 | 75 | 100 | 98 | 97 | 83 | 98 | 84 | 86 | 76 |
| 20–40 " - - | 203 | 206 | 204 | 230 | 221 | 226 | 218 | 202 | 206 | 202 | 198 | 195 | 186 |
| 40–60 " - - | 366 | 341 | 335 | 342 | 334 | 363 | 334 | 340 | 360 | 314 | 344 | 309 | 290 |
| 60–80 " - - | 490 | 372 | 438 | 467 | 423 | 391 | 379 | 383 | 425 | 344 | 424 | 364 | 362 |
| 80 years and upwards | 115 | 109 | 109 | 106 | 93 | 87 | 90 | 111 | 117 | 84 | 109 | 74 | 72 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox - - - - | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Measles - - - - - | 130 | 79 | 80 | 87 | 100 | 106 | 115 | 141 | 134 | 143 | 115 | 108 | 117 |
| Scarlet Fever - - - | 17 | 17 | 12 | 19 | 9 | 11 | 8 | 8 | 10 | 15 | 22 | 19 | 12 |
| Diphtheria - - - - | 33 | 36 | 42 | 45 | 33 | 46 | 38 | 33 | 36 | 53 | 45 | 29 | 34 |
| Whooping-cough - - - | 69 | 84 | 64 | 67 | 53 | 52 | 49 | 59 | 56 | 59 | 63 | 64 | 59 |
| Typhus - - - - - | – | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| Enteric Fever - - - | 8 | 9 | 8 | 6 | 8 | 9 | 11 | 7 | 10 | 1 | 7 | 9 | 7 |
| Simple Continued Fever - | – | 1 | 1 | – | – | – | – | – | – | – | – | – | – |
| Diarrhœa and Dysentery .. | 7 | 10 | 17 | 12 | 8 | 8 | 11 | 9 | 11 | 9 | 9 | 15 | 12 |
| Cholera - - - - - | – | – | – | – | – | – | – | – | – | – | – | – | – |
| All the above Diseases - | 264 | 236 | 224 | 236 | 211 | 232 | 232 | 257 | 257 | 281 | 262 | 244 | 241 |
| Dis. of Respiratory System - | 567 | 471 | 471 | 463 | 438 | 416 | 425 | 429 | 430 | 402 | 451 | 372 | 305 |
| Phthisis - - - - - | 170 | 159 | 163 | 192 | 180 | 179 | 172 | 192 | 184 | 143 | 160 | 146 | 138 |
| Dis. of Circulatory System - | 153 | 135 | 126 | 164 | 141 | 161 | 153 | 141 | 136 | 137 | 147 | 140 | 141 |
| Violence - - - - | 87 | 52 | 78 | 61 | 77 | 74 | 53 | 68 | 59 | 84 | 53 | 78 | 76 |
| Inquest Cases - - - - | 167 | 130 | 153 | 159 | 169 | 174 | 142 | 176 | 157 | 160 | 141 | 137 | 158 |
| Deaths in Public Institutions - | 523 | 478 | 538 | 532 | 551 | 515 | 477 | 471 | 543 | 542 | 544 | 529 | 461 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean - - - - - - | 45°·1 | 42°·4 | 44°·0 | 43°·0 | 42°·7 | 37°·6 | 38°·9 | 37°·7 | 45°·7 | 37°·5 | 40°·7 | 49°·3 | 49°·3 |
| Mean of Highest readings - | 48·1 | 45·2 | 49·4 | 48·3 | 47·6 | 44·8 | 46·2 | 43·9 | 52·6 | 44·8 | 48·3 | 59·3 | 57·4 |
| Mean of Lowest readings - | 40·9 | 39·8 | 39·6 | 37·8 | 38·3 | 31·4 | 33·5 | 32·3 | 38·6 | 31·5 | 34·4 | 40·6 | 42·2 |
| Humidity of the Air - - | 91 | 80 | 79 | 81 | 80 | 76 | 81 | 76 | 78 | 84 | 79 | 67 | 72 |
| Rain-fall (in inches) - - | 0·12 | 0·00 | 0·28 | 0·20 | 0·35 | 0·21 | 0·59 | 0·01 | 0·25 | 0·56 | 0·15 | 0·13 | 0·31 |
| Registered Sunshine (in hours) | 3·4 | 2·2 | 10·2 | 7·0 | 9·4 | 25·8 | 15·1 | 18·0 | 13·3 | 16·5 | 28·9 | 47·8 | 25·8 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox - - - - - | – | – | – | – | – | – | 1 | 1 | 1 | 1 | – | – | – |
| Scarlet Fever - - - - | 3119 | 3061 | 2964 | 2871 | 2781 | 2674 | 2534 | 2445 | 2419 | 2371 | 2377 | 2421 | 2384 |
| Diphtheria - - - - | 1045 | 1062 | 1044 | 1042 | 1053 | 1061 | 1047 | 1027 | 1024 | 1022 | 1009 | 1004 | 962 |
| Enteric Fever - - - - | 109 | 106 | 96 | 93 | 87 | 84 | 82 | 84 | 79 | 72 | 64 | 62 | 61 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton: A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Boobbyer Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S. Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FIFTEENTH Week of the Year 1898.

| CAUSES OF DEATH. | Corrected Averages for the 15th Week of the 10 years 1888–97*. | In the Week ending Saturday, 16th April 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0–1. | 1–5. | 5–20. | 2 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| CAUSES - - - | 1706·5 | 1648 | 377 | 285 | 76 | 186 | 290 | 362 | 72 |
| all-pox { Vaccinated† - | – | – | – | – | – | – | – | – | – |
| all-pox { Unvaccinated | 0·1 | – | – | – | – | – | – | – | – |
| all-pox { No Statement | 0·2 | – | – | – | – | – | – | – | – |
| sles - - - - | 67·9 | 117 | 26 | 85 | 6 | – | – | – | – |
| let Fever - - - | 15·5 | 12 | – | 10 | 2 | – | – | – | – |
| hus - - - - | 0·3 | – | – | – | – | – | – | – | – |
| psing Fever - - | – | – | – | – | – | – | – | – | – |
| enza - - - - | 17·2 | 32 | 2 | – | 2 | 6 | 9 | 10 | 3 |
| oping-cough - - | 68·7 | 59 | 17 | 39 | 3 | – | – | – | – |
| ntheria - - | 34·8 | 34 | 2 | 21 | 10 | – | 1 | – | – |
| ple Continued and -defined Fever - | 0·2 | – | – | – | – | – | – | – | – |
| eric Fever - - - | 6·3 | 7 | – | 2 | 1 | 3 | – | 1 | – |
| lera and Chol. Diarr. | 0·3 | – | – | – | – | – | – | – | – |
| rrhœa, Dysentery - | 14·9 | 12 | 4 | 1 | – | – | 2 | 4 | 1 |
| ittent Fever - - | – | 1 | – | – | – | – | 1 | – | – |
| rophobia - - - | 0·1 | – | – | – | – | – | – | – | – |
| nders - - - - | 0·2 | – | – | – | – | – | – | – | – |
| pox and Effects of ccination - - | 0·2 | – | – | – | – | – | – | – | – |
| ereal Affections - - | 11·3 | 11 | 6 | – | – | 1 | 3 | 1 | – |
| sipelas - - - | 5·4 | 4 | 1 | – | – | – | 1 | 1 | 1 |
| mia and Septicæmia | 1·4 | 2 | – | – | – | 1 | – | 1 | – |
| rperal Fever - - | 3·7 | 9 | – | – | 1 | 8 | – | – | – |
| er Zymotic Diseases | 2·3 | 1 | – | – | – | 1 | – | – | – |
| ish - - - - | 0·7 | – | – | – | – | – | – | – | – |
| ms and other Parasitical Diseases - | 0·7 | – | – | – | – | – | – | – | – |
| vation, Want of east-milk - - | 1·5 | – | – | – | – | – | – | – | – |
| holism - - - | 10·8 | 10 | – | – | – | 3 | 6 | 1 | – |
| umatic Fever, eumatism of Heart | 7·9 | 5 | – | 1 | – | 1 | 2 | 1 | – |
| umatism - - - | 2·9 | 3 | – | – | – | – | – | 3 | – |
| t - - - - - | 3·2 | 1 | – | – | – | – | – | 1 | – |
| kets - - - - | 6·1 | 8 | 5 | 3 | – | – | – | – | – |
| cer - - - - | 67·3 | 65 | – | – | 2 | 6 | 25 | 27 | 5 |
| es Mesenterica - - | 19·7 | 11 | 4 | 5 | 1 | – | 1 | – | – |
| ercular Meningitis - | 26·9 | 24 | 9 | 10 | 3 | 2 | – | – | – |
| nisis - - - - | 152·2 | 138 | 3 | 3 | 11 | 55 | 53 | 12 | 1 |
| fula, Tuberculosis - | 17·7 | 17 | 4 | 7 | 1 | 4 | 1 | – | – |
| er Constitutional seases - - | 13·7 | 14 | 1 | – | 3 | 2 | 3 | 5 | – |
| nature Birth - - | 47·5 | 60 | 60 | – | – | – | – | – | – |
| ectasis - - - | 2·9 | 3 | 3 | – | – | – | – | – | – |
| genital Malformations - - - | 6·2 | 8 | 8 | – | – | – | – | – | – |
| Age - - - - | 53·1 | 45 | – | – | – | – | – | 21 | 24 |
| plexy - - - | 43·3 | 41 | – | – | – | 1 | 14 | 23 | 3 |
| epsy - - - - | 10·2 | 3 | – | – | 1 | – | – | 2 | – |
| vulsions - - - | 45·4 | 48 | 42 | 6 | – | – | – | – | – |
| er Diseases of Brain d Nervous System | 92·0 | 73 | 9 | 12 | 4 | 6 | 18 | 20 | 4 |
| ases of Organs of ecial Sense - | 3·3 | 3 | – | 2 | 1 | – | – | – | – |

| CAUSES OF DEATH | Corrected Averages for the 15th Week of the 10 years 1888–97*. | In the Week ending Saturday, 16th April 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0–1. | 1–5. | 5–20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 143·6 | 141 | 1 | – | 6 | 15 | 46 | 67 | 6 |
| Croup - - - - | 6·7 | – | – | – | – | – | – | – | – |
| Bronchitis - - - | 196·1 | 162 | 37 | 18 | 1 | 6 | 24 | 66 | 10 |
| Pneumonia - - - | 148·7 | 121 | 20 | 36 | 5 | 21 | 18 | 19 | 2 |
| Pleurisy - - - - | 6·7 | 7 | – | 2 | 1 | 1 | 1 | 2 | – |
| Other Diseases of Respiratory System - | 27·4 | 15 | 2 | 1 | – | 1 | 2 | 7 | 2 |
| Dentition - - - - | 12·0 | 19 | 13 | 6 | – | – | – | – | – |
| Quinsy, Sore Throat - | 1·6 | – | – | – | – | – | – | – | – |
| Enteritis - - - - | 10·1 | 22 | 9 | 4 | 3 | 1 | 3 | 2 | – |
| Peritonitis - - - | 5·8 | 8 | – | – | 1 | 4 | 1 | 2 | – |
| Diseases of Liver - - | 25·3 | 30 | 1 | – | – | 6 | 13 | 9 | 1 |
| Other Diseases of Digestive System | 28·5 | 41 | 11 | 2 | 1 | 7 | 8 | 9 | 3 |
| Diseases of Lymphatic System & of Ductless Glands - - - | 2·7 | 2 | – | 1 | – | – | 1 | – | – |
| Diseases of Urinary System - - - | 50·2 | 56 | 2 | 1 | 1 | 6 | 17 | 27 | 2 |
| Diseases of Generative System - - - | 6·3 | 2 | – | – | – | – | 2 | – | – |
| Accidents of Childbirth - | 4·7 | 6 | – | – | – | 4 | 2 | – | – |
| Diseases of Locomotive System - - - | 6·9 | 5 | – | – | 2 | 2 | 1 | – | – |
| Diseases of Integumentary System - - | 5·5 | 8 | – | – | – | – | 1 | 5 | 2 |
| VIOLENT DEATHS‡ (ACCIDENT.) | | | | | | | | | |
| By Railways - - - | 51·0 | 1 | – | – | – | – | – | 1 | – |
| By Vehicles or Horses - | | 6 | – | 2 | – | 2 | – | 2 | – |
| In Ships, Boats, Docks, (exclusive of Drowning) - - - | | – | – | – | – | – | – | – | – |
| In Building Operations - | | 3 | – | – | – | 2 | 1 | – | – |
| In Conflagrations - - | | – | – | – | – | – | – | – | – |
| By Burns, Scalds, Explosions - - | | 8 | 1 | 4 | 2 | – | 1 | – | – |
| By Drowning - - - | | 1 | – | – | – | – | 1 | – | – |
| By Suffocation in Bed - | | 29 | 29 | – | – | – | – | – | – |
| By Poisons or Poisonous Vapours - - | | – | – | – | – | – | – | – | – |
| Other or not stated causes - - - - | | 17 | 2 | – | 1 | 4 | 2 | 6 | 2 |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - | 0·9 | 2 | – | – | – | 2 | – | – | – |
| Suicide - - - - | 10·5 | 9 | – | – | – | 2 | 4 | 3 | – |
| Execution - - - | – | – | – | – | – | – | – | – | – |
| OTHER CAUSES - - | 56·1 | 46 | 43 | 1 | – | – | 1 | 1 | – |

The numbers in this column are the average weekly deaths for the ten years 1888–97, raised by 5·230 per cent. for increase population.

Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered dical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the e of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of dent, murder manslaughter or suicide. All such cases are classed under "accident."

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 16th April, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2623 | 1648 | 377 | 434 | - | 117 | 12 | 34 | 59 | - | 7 | - | 12 | 76 | 158 | 461 | 2 |
| WEST DISTRICTS - - - | 778,251 | 387 | 282 | 58 | 91 | - | 25 | - | 5 | 9 | - | 2 | - | 1 | 12 | 26 | 89 | |
| NORTH DISTRICTS - - - | 1,040,694 | 558 | 364 | 88 | 104 | - | 24 | 3 | 13 | 15 | - | 1 | - | 1 | 9 | 29 | 91 | |
| CENTRAL DISTRICTS - - - | 233,635 | 131 | 92 | 19 | 11 | - | 12 | - | 1 | 3 | - | - | - | 1 | 8 | 11 | 28 | |
| EAST DISTRICTS - - - | 716,334 | 553 | 289 | 80 | 62 | - | 17 | 1 | 2 | 16 | - | 2 | - | 4 | 22 | 51 | 94 | |
| SOUTH DISTRICTS - - - | 1,642,796 | 994 | 591 | 132 | 158 | - | 39 | 7 | 13 | 16 | - | 2 | - | 4 | 25 | 41 | 129 | 1 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | -- | - | 30 | - | 8 | - | - | 1 | - | - | - | - | - | 1 | - | - | 30 | |
| WEST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 57 | 25 | 7 | 8 | - | 5 | - | - | - | - | - | - | - | 1 | 1 | 4 | |
| St. John Paddington *H* - - G. | 33,510 | 11 | 15 | 1 | 2 | - | - | - | - | 1 | - | - | - | - | 3 | 3 | 11 | |
| Kensington Town *Ww* - - W. | 122,164 | 66 | 61 | 16 | 20 | - | 8 | - | - | - | - | - | - | - | 1 | 5 | 19 | |
| Brompton *HH*- - - W. & C. | 48,301 | 13 | 12 | 1 | 4 | - | - | - | - | - | - | 1 | - | - | - | 1 | 3 | |
| St. Peter Hammersmith - - W. | 9,097 | 4 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | |
| St. Paul Hammersmith *HH* W. & G. | 35,102 | 50 | 26 | 10 | 7 | - | 2 | - | - | 2 | - | - | - | - | - | 1 | 1 | |
| Fulham *Ww* - - - W. & C. | 113,781 | 78 | 36 | 9 | 8 | - | - | - | 4 | - | - | - | - | - | 3 | 7 | 8 | |
| Chelsea Kensal Town - C. | 21,450 | 14 | 4 | 1 | - | - | 2 | - | - | - | - | - | - | - | - | - | - | |
| Chelsea North *WHHHHH* - C. | 42,057 | 20 | 15 | 2 | 7 | - | - | - | - | - | - | - | - | - | - | 1 | 7 | |
| Chelsea South *HH* - - C. | 33,139 | 20 | 5 | 1 | 1 | - | 1 | - | - | - | - | - | - | - | 1 | 1 | 1 | |
| May Fair *W* - - - - G. | 23,827 | 4 | 23 | 1 | 15 | - | - | - | - | - | - | - | - | 1 | 2 | 1 | 22 | |
| Belgrave *WHHH* - - - C. | 56,140 | 22 | 28 | 3 | 10 | - | 3 | - | - | - | - | 1 | - | - | 1 | 2 | 8 | |
| St. John Westminster *HH* - C. | 31,492 | 10 | 11 | 2 | 3 | - | 3 | - | - | 1 | - | - | - | - | - | 1 | 1 | |
| St. Margaret Westminster *H*- C. | 22,097 | 5 | 11 | 4 | 2 | - | - | - | 1 | 5 | - | - | - | - | - | 1 | 3 | |
| St. James Westminster *WHH* N. & G. | 23,050 | 7 | 6 | - | 3 | - | 1 | - | - | - | - | - | - | - | - | 1 | 1 | |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 6 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| NORTH DISTRICTS. | | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - W. | 36,595 | 6 | 11 | 1 | 3 | - | 2 | - | 1 | - | - | - | - | - | - | 1 | 2 | |
| Rectory Marylebone *W* G. & W. | 19,798 | 15 | 3 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 31 | 5 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Christchurch Marylebone *H* - W | 32,547 | 14 | 7 | - | 2 | - | 2 | - | - | - | - | - | - | - | - | - | - | |
| St. John Marylebone *HHH* W. | 32,611 | 18 | 11 | 2 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 37 | 23 | 5 | 6 | - | 1 | 1 | 1 | 1 | - | - | - | - | 1 | 1 | 5 | |
| Regent's Park Pancras *HH* - W. | 37,341 | 13 | 10 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | 2 | 1 | |
| Tottenham-court *wHHH* - N. & W. | 26,757 | 12 | 15 | 4 | 3 | - | - | - | - | - | - | - | - | 1 | - | - | 10 | |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 12 | 10 | 1 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | 2 | |
| Somers Town *HH* - - - N. | 32,161 | 15 | 9 | 6 | - | - | - | - | - | - | - | - | - | - | 2 | 4 | 1 | |
| Camden Town *WH* - - N. | 16,669 | 9 | 13 | 3 | 4 | - | - | - | - | - | - | - | - | - | - | 2 | 10 | |
| Kentish Town *WW* - - N. | 98,410 | 63 | 32 | 11 | 10 | - | 2 | - | - | 1 | - | - | - | - | 2 | 4 | 1 | |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 54 | 57 | 8 | 18 | - | 8 | - | - | 2 | - | - | - | - | 1 | 3 | 31 | |
| Islington South-west *H* - N. | 107,365 | 65 | 31 | 15 | 3 | - | 2 | - | - | 3 | - | - | - | - | - | - | - | |
| Islington South-east - - N. | 66,549 | 31 | 20 | 5 | 5 | - | 2 | - | 2 | 1 | - | - | - | - | - | 2 | - | |
| Highbury *HH* - - - N. | 64,577 | 43 | 14 | 3 | 6 | - | - | - | - | - | - | - | - | - | 1 | 1 | - | |
| Stoke Newington *H* - N. | 33,485 | 15 | 9 | 2 | 3 | - | - | - | - | 3 | - | - | - | - | - | - | - | |
| North Hackney - - E. & N. | 213,044 | 20 | 13 | 4 | 5 | - | 1 | - | - | - | - | - | - | - | 1 | 2 | - | |
| Central Hackney *ww* - E. & N. | | 24 | 27 | 5 | 6 | - | 1 | 2 | 9 | 1 | - | 1 | - | - | - | 2 | 14 | |
| South-west Hackney *HHH* E. & N. | | 25 | 20 | 2 | 5 | - | 1 | - | - | 1 | - | - | - | - | 1 | 2 | 6 | |
| South-east Hackney *WwH* E. & N. | | 36 | 24 | 4 | 14 | - | 1 | - | - | 2 | - | - | - | - | - | 3 | 8 | |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers are received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. The Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River; E. East London; and K. the Kent Company.

* See note † on first page of this Return

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday, 16th April, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population. 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **CENTRAL DISTRICTS.** | | | | | | | | | | | | | | | | | | |
| St. George Bloomsbury - - N. | 16,110 | 3 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Giles South *WH* - - N. | 12,976 | 11 | 8 | 2 | 3 | - | 1 | - | - | - | - | - | - | - | - | 1 | 4 | - |
| St Giles North *H* - - - N. | 9,151 | 6 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| St. Martin-in-the-Fields *HH* N. & C. | 13,077 | 7 | 4 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - |
| Strand *WHH* - - - - - N. | 11,839 | 2 | 6 | - | 1 | - | - | - | - | - | - | - | - | - | - | 1 | 2 | - |
| *Strand Union Workhouse, Edmonton* | †*1,037* | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Holborn *wHHHHHHH* - N. | 31,042 | 17 | 15 | 3 | 1 | - | 5 | - | - | - | - | - | - | 1 | - | - | 6 | - |
| St. James Clerkenwell - - N. | 15,777 | 14 | 4 | 1 | 1 | - | 1 | - | - | 1 | - | - | - | - | - | - | - | - |
| Amwell Clerkenwell - - N. | 34,356 | 16 | 9 | 4 | 1 | - | 1 | - | - | 1 | - | - | - | - | 1 | 1 | - | - |
| Goswell-street - - - - N. | 16,069 | 13 | 7 | 2 | 1 | - | 2 | - | - | - | - | - | - | - | 2 | 2 | - | - |
| City-road *HHHL* - - - N. | 29,897 | 27 | 13 | 5 | - | - | 1 | - | - | 1 | - | - | - | - | 2 | 2 | | 1 |
| Whitecross-street - - - N. | 7,595 | 7 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 |
| Finsbury - - - - - N. | 4,035 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| *Holborn Union Workhouse, Mitcham* - - - - | †*892* | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Botolph *H* - - N. & E. | 6,870 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Cripplegate - - - - N. | 3,299 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Sepulchre *WH* - - - N. | 9,591 | 2 | 15 | - | 2 | - | 1 | - | 1 | - | - | - | - | - | 3 | 4 | 12 | - |
| Allhallows Barking - - - N. | 9,059 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Broad Street *H* - - - N. | 2,892 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| *City of London Asylum, Stone* - - | †*388* | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| **EAST DISTRICTS.** | | | | | | | | | | | | | | | | | | |
| Shoreditch South *Hl* - E. & N. | 17,975 | 11 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Hoxton New Town *w* - - N. | 29,575 | 26 | 13 | 5 | 4 | - | - | - | - | - | - | - | - | - | 1 | 5 | 4 | - |
| Hoxton Old Town - - - N. | 27,645 | 18 | 3 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| Haggerston *WH* - - N. & E. | 47,163 | 25 | 25 | 5 | 6 | - | 2 | - | - | - | - | - | - | - | 2 | 4 | 13 | - |
| Bethnal Green North *H* - E. | 49,301 | 37 | 17 | 6 | 2 | - | - | - | - | 1 | - | - | - | - | 3 | 4 | 1 | - |
| Bethnal Green South - - E. | 34,194 | 23 | 23 | 7 | 3 | - | 5 | - | - | 2 | - | - | - | - | 2 | 6 | - | - |
| Bethnal Green East *WHl* - E. | 45,667 | 27 | 21 | 6 | 5 | - | 1 | - | 1 | - | - | - | - | - | 1 | 1 | 9 | - |
| Spitalfields - - - E. & N. | 26,681 | 31 | 3 | 2 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - |
| Mile End New Town *W* - E. | 12,816 | 24 | 9 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | 2 | 8 | - |
| Whitechapel Church *H* - E. & N. | 25,561 | 26 | 25 | 3 | 2 | - | 1 | - | - | - | - | 1 | - | - | 3 | 5 | 22 | - |
| Goodman's Fields - - - E. | 13,618 | 9 | 3 | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| St. George's North - - - E. | 39,576 | 39 | 11 | 3 | - | - | - | 1 | - | - | - | - | - | - | 1 | 1 | - | - |
| St. John, St. George East *W* E. | 7,930 | 6 | 6 | 1 | 1 | - | - | - | - | 1 | - | - | - | - | - | - | 5 | - |
| Shadwell *H* - - - E. & N. | 10,434 | 2 | 7 | 4 | - | - | - | - | - | - | - | - | - | 1 | 2 | 2 | 3 | - |
| Ratcliff *W* - - - - E. | 14,954 | 7 | 8 | 1 | - | - | - | - | - | 2 | - | - | - | - | 1 | 3 | - | - |
| Limehouse - - - - E. | 32,917 | 26 | 12 | 5 | - | - | 3 | - | - | - | - | - | - | 1 | 1 | 3 | - | - |
| Mile End Old Town West *H* E. | 111,060 | 58 | 16 | 6 | 4 | - | - | - | - | 2 | - | - | - | - | - | 3 | - | - |
| Mile End Old Town East *WWww* - E. | | 36 | 28 | 2 | 17 | - | 1 | - | - | 1 | - | - | - | 1 | 2 | 3 | 15 | - |
| Bow *l* - - - - E. | 41,687 | 30 | 14 | 4 | 5 | - | 1 | - | - | 2 | - | - | - | 1 | - | - | 2 | - |
| Bromley *wwwH* - - - E. | 69,821 | 49 | 33 | 13 | 6 | - | 2 | - | 1 | 3 | - | - | - | - | 2 | 7 | 11 | - |
| Poplar *WW* - - - - E. | 57,759 | 43 | 9 | 3 | 3 | - | - | - | - | 1 | - | 1 | - | - | 1 | 1 | 1 | - |

† opulation in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 16th April, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SOUTH DISTRICTS.** | | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WH* L.&S. | 13,064 | 11 | 6 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| St. Saviour Southwark - - S. | 12,301 | 12 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Kent-road - - - - S. & L. | 22,879 | 13 | 5 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Borough-road *WH* - S. & L. | 16,083 | 17 | 6 | 1 | – | – | – | 1 | – | – | – | – | – | – | 1 | 1 | 2 | – |
| London-road *HL* - - L. & S. | 21,316 | 15 | 3 | – | 2 | – | – | – | – | – | – | – | – | – | 1 | 1 | 1 | – |
| Trinity Newington - - S. & L. | 28,723 | 21 | 7 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| St. Peter Walworth *W* - S. & L. | 62,045 | 40 | 9 | 3 | 1 | – | – | – | 1 | – | – | – | – | – | – | 1 | 2 | – |
| St. Mary Newington- - L. & S. | 30,171 | 17 | 13 | 7 | 1 | – | 2 | – | – | – | – | – | – | – | – | 2 | – | – |
| St. Olave *WH* - - - - S. | 11,731 | 3 | 16 | 1 | 4 | – | – | – | – | – | – | – | – | – | 5 | 5 | 15 | – |
| Leather Market *W* - S. & L. | 32,339 | 28 | 9 | 3 | 4 | – | – | – | – | – | – | – | – | – | 1 | 1 | 1 | – |
| St. James Bermondsey - - S. | 53,136 | 37 | 16 | 7 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Rotherhithe *WwH* - S. & K. | 40,379 | 22 | 21 | 4 | 5 | – | 1 | 1 | – | – | – | – | – | 1 | – | – | 7 | 1 |
| Waterloo-road *HH* - L. & S. | 28,396 | 26 | 10 | 4 | 4 | – | – | – | – | 1 | – | – | – | – | 1 | 1 | 1 | – |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 16 | 16 | 4 | 5 | – | – | – | – | – | – | – | – | – | 3 | 4 | 8 | – |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 32 | 23 | 2 | 9 | – | 1 | – | – | 1 | – | – | – | – | 1 | 1 | 13 | – |
| Kennington 1st *H* - - S. & L. | 52,486 | 46 | 20 | 8 | 4 | – | 3 | – | – | – | – | – | – | – | 1 | 1 | 1 | 1 |
| Kennington 2nd - - S. & L. | 43,244 | 18 | 11 | 3 | 6 | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| Brixton *w* - - - L. & S. | 81,825 | 52 | 27 | 6 | 5 | – | – | – | 4 | – | – | – | – | – | – | – | 3 | 2 |
| Norwood *WH* - - - - L. | 29,318 | 8 | 9 | 2 | 5 | – | – | – | – | – | – | – | – | – | – | 1 | – | 1 |
| East Battersea - - - - S. | 71,730 | 44 | 21 | 4 | 1 | – | 4 | – | – | – | – | – | – | – | 1 | 3 | – | – |
| West Battersea *WwH* - - S. | 93,385 | 50 | 40 | 10 | 12 | – | 6 | – | – | 1 | – | – | – | – | 2 | 4 | 9 | – |
| Clapham *H* - - - - S. | 46,953 | 30 | 14 | 1 | 9 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | 1 |
| Wandsworth *WHHL* - - S. | 58,101 | 30 | 23 | 5 | 7 | – | 2 | – | – | – | – | – | – | – | – | 3 | 1 | – |
| Putney - - - - - S. | 20,566 | 12 | 7 | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Streatham *Wwww* - - - L. | 61,644 | 34 | 15 | 2 | 1 | – | 1 | – | 2 | 1 | – | – | – | – | – | 1 | 2 | 2 |
| Dulwich - - - - L. & S. | 7,519 | 1 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Camberwell *Wwll* - S. & L. | 90,286 | 49 | 54 | 4 | 25 | – | – | – | 2 | – | – | – | – | 1 | – | 2 | 27 | 1 |
| Peckham *WW* - S., L., & K. | 88,242 | 39 | 23 | 1 | 7 | – | 4 | – | – | 1 | – | – | – | – | 1 | 1 | – | 1 |
| St. George Camberwell - L. & S. | 67,029 | 34 | 22 | 7 | 6 | – | 3 | 1 | – | 2 | – | – | – | – | 3 | 3 | – | – |
| Deptford North - - - K. | 36,152 | 38 | 12 | 2 | – | – | 3 | – | – | 2 | – | – | – | – | – | – | – | – |
| Deptford Central *w* - - K. | 45,441 | 26 | 15 | 4 | 4 | – | 1 | 1 | 3 | – | – | 1 | – | – | – | – | 6 | 2 |
| Deptford South - - - K. | 33,402 | 15 | 6 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | 1 |
| Greenwich West *H* - - K. | 23,012 | 12 | 13 | 3 | 4 | – | – | – | – | 2 | – | – | – | – | – | – | 1 | 1 |
| Greenwich East *WH* - - K. | 37,767 | 30 | 16 | 4 | 3 | – | 2 | – | – | 1 | – | – | – | – | – | – | 10 | – |
| Eltham *wH* - - - - K. | 5,911 | 1 | 2 | – | – | – | – | – | – | 1 | – | – | – | – | – | – | – | – |
| Lee *H* - - - - - K. | 24,222 | 4 | 8 | 1 | 3 | – | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 |
| Lewisham *WwH* - - - K. | 38,139 | 19 | 25 | 2 | 5 | – | – | 3 | 1 | 2 | – | – | – | – | – | – | 13 | 1 |
| Sydenham *H* - - - - L. | 37,601 | 17 | 12 | 5 | 3 | – | 1 | – | – | – | – | – | – | 1 | – | – | – | 1 |
| Charlton *wHH* - - K. | 15,928 | 11 | 2 | – | – | – | – | – | – | – | – | 1 | – | – | – | – | 2 | – |
| Woolwich Dockyard - - K. | 19,355 | 13 | 12 | 3 | 4 | – | 3 | – | – | – | – | – | – | – | 1 | 1 | – | – |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 15 | 8 | 5 | 1 | – | – | – | – | – | – | – | – | 1 | 1 | 1 | – | 2 |
| Plumstead West *H* - - K. | 16,714 | 4 | 1 | – | – | – | – | – | – | 1 | – | – | – | – | – | – | – | – |
| Plumstead East *WH* - - K. | 42,538 | 32 | 9 | 4 | – | – | – | – | – | – | – | – | – | – | 1 | 1 | 3 | – |
| Banstead Asylum - - - - | — | – | 6 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 6 | – |
| Caterham Asylum - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Cane Hill Asylum - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Hospital Ships and Camp, Dartford | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Darenth Asylum - - - - | — | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | 2 | – |
| Hanwell Asylum - - - - | — | – | 6 | – | 3 | – | – | – | – | – | – | – | – | 1 | – | – | 6 | – |
| Colney Hatch Asylum - - - | — | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | 2 | – |
| N.E. Hospital - - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Winchmore Hill Hospital - - | — | – | 1 | – | – | – | – | 1 | – | – | – | – | – | – | – | – | 1 | – |
| Leavesden Asylum - - - - | — | – | 8 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 8 | – |
| Claybury Asylum - - - - | — | – | 5 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 5 | – |

ABLE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 16th April, 1898.

| Registration District and Sub-district Numbers. | REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years & upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LONDON—OUTER RING - | 368,749 | 1,422,063 | 933 | 472 | 119 | 139 | – | 29 | 2 | 21 | 17 | 3 | 4 | 12 | 26 | 51 | 10 |
| 30 : 1 | Carshalton *wHH* - - | 12,228 | 26,108 | 5 | 7 | 1 | 3 | – | – | – | – | – | – | – | – | – | 1 | 1 |
| 2 | Epsom, *part of** *WwHH* - | 10,423 | 12,508 | 3 | 5 | 1 | 4 | – | – | – | – | – | – | – | – | – | 1 | – |
| 37 : 1 | Godstone, *part of** *W* - | 2,754 | 1,598 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 38 : 1 | Croydon *WwHHH* - - | 20,851 | 128,699 | 71 | 47 | 8 | 17 | – | 1 | 1 | 3 | – | – | – | 1 | 4 | 10 | – |
| 2 | Mitcham *w* - - - | 11,697 | 23,088 | 18 | 5 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | – |
| 39 : 1 | Wimbledon *HHH* - - | 3,220 | 25,761 | 15 | 5 | – | 4 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Kingston *W* - - | 8,071 | 33,566 | 17 | 7 | 2 | 4 | – | – | – | – | – | – | – | – | – | 3 | – |
| 3 | Surbiton *H*- - - | | 11,199 | 4 | 6 | 1 | 2 | – | – | – | – | – | – | – | – | 1 | 1 | – |
| 4 | Esher, *part of** *HH* - | 6,601 | 12,059 | 5 | 1 | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| 5 | Hampton *HL* - - - | 4,565 | 18,252 | 9 | 5 | 2 | 1 | – | – | – | – | 1 | – | – | – | – | – | – |
| 40 : 1 | Richmond *WH* - - - | 2,160 | 25,339 | 13 | 10 | 7 | 2 | – | – | – | – | – | – | 2 | – | – | – | – |
| 2 | Mortlake *H* - - - | 2,823 | 16,159 | 9 | 4 | – | 2 | – | – | – | – | 1 | – | – | – | – | – | – |
| 41 : 1 | Bromley *HHH* - - - | 9,127 | 23,815 | 14 | 5 | – | – | – | – | – | – | – | – | – | 1 | 1 | 1 | – |
| 2 | Beckenham *H* - - - | 6,542 | 21,969 | 9 | 8 | 3 | 2 | – | – | – | – | – | – | – | 1 | 1 | – | – |
| 3 | Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 9 | 3 | – | 2 | – | – | – | – | – | – | – | – | – | 1 | – |
| 42 : 1 | Bexley *HHH* - - - | 12,540 | 30,590 | 22 | 17 | 4 | 1 | – | – | – | 2 | – | – | – | 2 | 2 | – | 2 |
| 2 | Dartford *WH*, part of* - | — | — | – | 2 | – | 2 | – | – | – | 1 | – | – | – | – | – | 2 | – |
| 24 : 1 | Sunbury *w* - - - | 11,054 | 13,671 | 8 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Staines *WH* - - - | 13,277 | 13,221 | 6 | 4 | 2 | – | – | 1 | – | – | – | – | – | – | – | – | – |
| 25 : 1 | Hillingdon *WHH* - - | 6,035 | 12,237 | | 4 | – | 2 | – | – | – | – | 1 | – | – | – | – | – | – |
| 2 | Uxbridge - - - - | 12,757 | 7,253 | 7 | 3 | 1 | 1 | – | 2 | – | – | – | – | – | – | – | – | – |
| 3 | Hayes *wH* - - - - | 7,952 | 11,051 | 4 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 26 : 1 | Isleworth *WHH* - - | 6,967 | 26,004 | 13 | 16 | 4 | 7 | – | 2 | – | – | – | – | – | – | 2 | 3 | 1 |
| 2 | Twickenham *HH* - - | 2,415 | 16,027 | 8 | 3 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Brentford *HHHH* - - | 4,318 | 37,777 | 26 | 7 | 2 | 4 | – | – | – | – | – | – | – | 1 | 1 | – | 1 |
| 4 | Chiswick - - - - | 1,245 | 21,963 | 12 | 11 | 2 | 3 | – | 4 | – | – | – | – | – | – | – | – | 1 |
| 5 | Acton *wH* - - - - | 6,132 | 30,945 | 17 | 9 | 5 | 1 | – | – | – | – | 1 | – | – | – | – | – | – |
| 27 : 1 | Harrow *HHH* - - - | 13,809 | 15,715 | 11 | 3 | – | 2 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Edgware *HH* - - - | 6,994 | 3,844 | 2 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Willesden *HHH* - - | 4,383 | 61,265 | 63 | 21 | 5 | 4 | – | 2 | – | 3 | 2 | – | – | – | 1 | 1 | 1 |
| 4 | Hendon *WH* - - - | 8,382 | 15,843 | 6 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 28 : 1 | South Mimms *HH* - - | 21,077 | 6,367 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Barnet *WHH* - - - | | 14,152 | 18 | 4 | 1 | 1 | – | 1 | – | – | – | – | 1 | – | – | 1 | – |
| 3 | Finchley *HHH* - - - | 4,688 | 25,820 | 8 | 8 | 2 | 3 | – | – | – | – | – | – | – | 1 | 1 | – | – |
| 29 : 1 | Hornsey *HH* - - - | 3,039 | 61,097 | 25 | 13 | 3 | 8 | – | – | – | 1 | 1 | – | – | – | – | – | – |
| 2 | Tottenham *HH*- - - | 4,642 | 97,174 | 70 | 38 | 9 | 9 | – | 8 | 1 | 2 | 1 | – | – | 1 | 3 | – | – |
| 3 | Edmonton *Www* - - | 7,489 | 36,351 | 24 | 12 | 3 | 5 | – | – | – | – | 1 | – | – | 1 | 1 | 2 | – |
| 4 | Enfield *WWHH* - - | 12,602 | 31,536 | 24 | 9 | 2 | 2 | – | – | – | – | – | – | – | 1 | 2 | – | – |
| 5 | Waltham Abbey - - - | 11,017 | 6,066 | 5 | 2 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 6 | Cheshunt *H* - - - | 8,480 | 9,620 | 6 | 7 | 1 | 2 | – | – | – | – | – | – | 1 | – | – | – | – |
| 35 : 1 | Hatfield, *part of** *W* - - | 3,306 | 582 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 37 : 1 | Bushey *H* - - - - | 9,331 | 7,737 | 6 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Watford *WH*, part of* - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 86 : 1 | Stratford *H* - - - | 4,706 | 38,612 | 28 | 10 | 3 | – | – | – | – | – | 2 | – | – | 1 | 1 | 1 | – |
| 2 | Plaistow *WHH*- - - | | 58,030 | 48 | 27 | 7 | 6 | – | – | – | 4 | 2 | – | – | 1 | 1 | 2 | – |
| 3 | Canning Town *H* - - | | 54,750 | 53 | 16 | 3 | 2 | – | – | – | – | – | 1 | – | – | – | 1 | 2 |
| 4 | Forest Gate *w* - - - | | 53,511 | 13 | 11 | 4 | 3 | – | – | – | – | 1 | – | – | – | – | – | 1 |
| 5 | East Ham *wH* - - - | 3,266 | 32,713 | 41 | 16 | 4 | 3 | – | 4 | – | – | – | – | – | – | 1 | – | – |
| 6 | Leyton *WWWwH* - - | 4,334 | 70,188 | 63 | 44 | 14 | 12 | – | 1 | – | 2 | 1 | 2 | – | – | 1 | 15 | – |
| 7 | Walthamstow *HHL*- - | 6,501 | 57,330 | 45 | 14 | 6 | 2 | – | 2 | – | 3 | 2 | – | – | – | 1 | – | – |
| 87 : 1 | Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 6 | 3 | – | – | – | 1 | – | – | – | – | – | – | – | – | – |
| 2 | Epping *WH*, part of*- - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 89 : 1 | Romford, *part of** *WH* - | 6,556 | 4,324 | 8 | 3 | – | 1 | – | – | – | – | – | – | – | – | – | 1 | – |
| 2 | Ilford - - - - - | 8,493 | 10,913 | 13 | 4 | – | 2 | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Barking Town, *H* - - | 3,814 | 14,301 | 10 | 4 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| | Middlesex Co. Lunatic Asy. Wandsworth. | — | — | – | 4 | – | 1 | – | – | – | – | – | – | – | – | – | 4 | – |

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30 : 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37 : 1, the parishes of Warlingham and Farley in Godstone sub-district; 39 : 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41 : 3, Chislehurst sub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135 : 1, the parish of Northaw in Hatfield sub-district; 187 : 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (pop. 1,079); 189 : 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for Infectious Diseases belonging to the Outer Ring in 42 : 2, Dartford; 137 : 2, Watford; and 187 ; 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 16th April, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | ANNUAL RATE of MORTALITY per 1000 living. From All Causes. | From Diseases in Cols. 8-14. | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Deaths in Public |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. | 1 |
| GREATER LONDON | **443,421** | **6,408,321** | **17·3** | **2·6** | **2120** | **496** | **573** | **–** | **146** | **14** | **55** | **76** | **10** | **16** | **88** | **51** |
| INNER LONDON - | 74,672 | 4,504,766 | 19·1 | 2·8 | 1648 | 377 | 434 | – | 117 | 12 | 34 | 59 | 7 | 12 | 76 | 46 |
| OUTER RING - | 368,749 | 1,903,555 | 12·9 | 2·1 | 472 | 119 | 139 | – | 29 | 2 | 21 | 17 | 3 | 4 | 12 | 5 |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent to the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

| CITIES | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | | BIRTHS. (Exclusive of Stillborn) | DEATHS. (Exclusive of Stillborn) | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM PRINCIPAL ZYMOTIC DISEASES. Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 295,628 | April | 16 | 169 | 130 | 22·9 | – | – | 1 | 2 | 5 | 1 | |
| GLASGOW - - | 724,349 | „ | 16 | 522 | 306 | 22·0 | – | 13 | 7 | – | 13 | 1 | |
| DUBLIN - - | 349,594 | „ | 16 | 186 | 182 | 27·1 | – | – | 2 | 2 | 3 | 3 | |
| CALCUTTA - - | 466,460 | March | 5 | – | 272 | 30·4 | – | – | – | – | – | 79 | |
| BOMBAY - - | 821,764 | „ | 22 | 163 | 2248 | 142·3 | 1 | 14 | ? | ? | ? | 1382‡ | |
| MADRAS - - | 452,518 | „ | 11 | 290 | 336 | 38·6 | 7 | 39 | ? | ? | ? | 96 | |
| PARIS - - - | 2,511,629 | April | 9 | 1426 | 1045 | 21·7 | – | 35 | 5 | 9* | 4 | 7 | |
| BRUSSELS - - | 531,024 | „ | 9 | 291 | 191 | 18·7 | – | 1 | – | 1* | 2 | – | |
| AMSTERDAM - | 505,326 | „ | 2 | 283 | 187 | 19·2 | – | 1 | 1 | 1 | – | 2 | |
| ROTTERDAM - | 290,004 | „ | 2 | 236 | 137 | 24·5 | – | 4 | – | 3 | 3 | 1 | |
| THE HAGUE - | 191,529 | „ | 2 | 128 | 80 | 21·6 | – | – | – | – | 2 | 1 | |
| COPENHAGEN - | 340,500 | „ | 9 | 159 | 149 | 22·8 | – | – | – | 5 | – | 2 | |
| STOCKHOLM - | 274,611 | „ | 2 | 144 | 108 | 20·5 | – | – | 2 | 4* | – | 1 | |
| CHRISTIANIA - | 192,141 | „ | 9 | 116 | 69 | 18·7 | 1 | – | – | – | 1 | – | |
| ST. PETERSBURG | 954,400 | „ | 2 | 653 | 654 | 35·7 | 5 | 5 | 11 | 15 | 3 | 34 | |
| MOSCOW - - | 988,610 | „ | 2 | – | 520 | 27·4 | 5 | 6 | 5 | 19 | 4 | 4 | |
| BERLIN - - | 1,753,775 | March | 26 | 853 | 551 | 16·3 | 1 | 5 | 2 | 10 | 6 | – | |
| HAMBURG - - | 661,015 | April | 9 | – | 213 | 16·8 | – | 6 | – | 4* | 2 | – | |
| DRESDEN - - | 377,500 | March | 19 | – | – | – | – | – | – | – | – | – | |
| BRESLAU - - | 392,795 | April | 9 | – | 209 | 27.7 | – | 2 | 1 | 2* | 1 | – | |
| MUNICH - - | 430,000 | March | 26 | – | – | – | – | – | – | – | – | – | |
| VIENNA - - | 1,574,129 | April | 9 | 839 | 748 | 24·2 | – | 25 | 7 | 4* | 3 | 1 | |
| PRAGUE - - | 377,109 | „ | 9 | 208 | 204 | 27·8 | – | 2 | 8 | – | – | – | |
| BUDA-PESTH - | 648,104 | „ | 9 | 437 | 306 | 24·6 | – | 9 | 1 | 4 | – | 2 | |
| TRIESTE - - | 164,491 | „ | 9 | 106 | 71 | 22·4 | – | – | 3 | 2* | – | 1 | |
| ROME - - - | 489,965 | March | 5 | 233 | 209 | 22·2 | – | 6 | – | 1 | – | 1§ | |
| TURIN (8 days) - | 344,203 | February | 28 | 177 | 195 | 25·9 | – | 1 | – | – | 3 | – | |
| VENICE - - | 167,074 | April | 9 | – | – | – | – | – | – | – | – | – | |
| CAIRO - - | 570,062 | January | 21 | 450 | 356 | 32·5 | – | – | – | 3* | 1 | 3 | |
| ALEXANDRIA - | 319,766 | „ | 21 | 265 | 208 | 33·8 | 8 | – | – | 2* | – | 1 | |
| NEW YORK (including BROOKLYN) | 3,438,899 | March | 26 | 1479 | 1290 | 19·6 | – | 29 | 21 | 37 | 18 | 4 | |
| PHILADELPHIA - | 1,240,266 | „ | 26 | – | 504 | 21·2 | – | 25 | 6 | 33 | 1 | 6 | |

* Including deaths from croup.
† Including 18 deaths from cholera in Calcutta, 3 in Bombay.
‡ Including 1259 deaths from plague in Bombay.
§ Malarial fever.

| 1898. Month and Day. | Phases of the Moon. | Barometer. Mean daily reading (corrected and reduced to 32° Fahrenheit). | Temperature. Of the Air. High-est. | Temperature. Of the Air. Low-est. | Temperature. Of the Air. Daily Range. | Temperature. Of the Air. Mean daily value. | Temperature. Of the Air. Departure from Average of 50 years. | Temperature. Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Difference. Greatest. | Difference. Least. | Degree of Humidity (Saturation equals 100). | Temperature. Of Radiation. Highest in Sun's Rays. | Temperature. Of Radiation. Lowest on the Grass. | Temperature. Of the Earth 3 feet below the Surface. | Wind as deduced from Anemometers. Osler's. General Direction. A.M. | Osler's. General Direction. P.M. | Osler's. Pressure on the Square Foot. Great-est. | Osler's. Pressure. Least. | Osler's. Pressure. Mean of 24 hourly obs. | Robinson's. Horizontal Movement of the Air on each Day. | Robinson's. Departure from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| April | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| Sunday - 10 | .. | 29·545 | 57·4 | 47·9 | 9·5 | 51·6 | + 6·1 | 47·7 | 3·9 | 8·2 | 2·0 | 87 | 85·5 | 44·0 | 45·58 | SW. | SW. & WSW. | 9·6 | 0·0 | 1·3 | 583 | +294 | 0·03 | 2·3 |
| Monday - 11 | Greatest Dec. S. | 29·496 | 58·6 | 44·5 | 14·1 | 51·2 | + 5·7 | 42·2 | 9·0 | 16·0 | 1·5 | 71 | 107·2 | 42·5 | 46·18 | WSW. | SW. & SSW. | 6·8 | 0·0 | 1·0 | 504 | +216 | 0·00 | 0·0 |
| Tuesday - 12 | .. | 29·579 | 55·0 | 42·0 | 13·0 | 47·2 | + 1·5 | 37·0 | 10·2 | 19·2 | 1·3 | 68 | 93·8 | 38·0 | 46·40 | WNW. & NW. | NW., NNW. & WNW. | 17·0 | 0·0 | 1·6 | 657 | +369 | 0·13 | 0·0 |
| Wednesday 13 | Last Quarter. | 29·859 | 58·1 | 37·2 | 20·9 | 48·1 | + 2·1 | 39·3 | 8·8 | 15·4 | 0·0 | 71 | 113·2 | 32·9 | 46·60 | WSW. & SW. | SW., S. & SSE. | 3·0 | 0·0 | 0·2 | 263 | − 25 | 0·00 | 0·0 |
| Thursday - 14 | .. | 29·654 | 60·5 | 43·2 | 17·3 | 50·9 | + 4·5 | 39·7 | 11·2 | 22·0 | 2·0 | 65 | 100·0 | 37·8 | 46·59 | SSE. & SSW. | S. & SSE. | 3·8 | 0·0 | 0·3 | 282 | − 7 | 0·06 | 0·2 |
| Friday - 15 | .. | 29·650 | 59·6 | 43·8 | 15·8 | 50·4 | + 3·5 | 40·6 | 9·8 | 20·5 | 0·6 | 69 | 111·4 | 38·0 | 46·71 | SSE. | NW. & W. | 2·0 | 0·0 | 0·1 | 231 | − 59 | 0·09 | 0·8 |
| Saturday - 16 | .. | 29·851 | 52·5 | 37·0 | 15·5 | 45·7 | − 1·6 | 38·1 | 7·6 | 11·8 | 2·2 | 75 | 62·2 | 31·6 | 46·92 | WSW. & W. WSW., calm & NE. | SE. & SSW. | 0·1 | 0·0 | 0·0 | 144 | −147 | 0·00 | 0·0 |
| Means - - | | 29·662 | 57·4 | 42·2 | 15·2 | 49·3 | + 3·1 | 40·7 | 8·6 | 16·2 | 1·4 | 72 | 96·2 | 37·8 | 46·43 | SW, NW. & SE. | | .. | .. | .. | Sum 2664 | Sum +641 | Sum 0·31 | 0·5 |
| No. of Column - | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| Date. April | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | General Remarks. |
|---|---|---|---|---|
| Sunday - 10 | w. P. generally; w. N. occasionally. | 1·5 | 13·5 | Overcast till 3h. P.M., with showers in afternoon; fine with variable amounts of cloud afterwards. |
| Monday - 11 | w. P. in morning; v. P. and w. N. afterwards. | 4·4 | 13·6 | Fine and partially cloudy till evening; overcast at night with slight rain after 10h. P.M. |
| Tuesday - 12 | s. N. and v. P. in morning; s. P. afterwards. | 3·0 | 13·6 | Overcast with rain in morning; fine and partially cloudy till evening with solar halo in afternoon; cloudless at night. Windy. |
| Wednesday 13 | m. P. increasing to s. P. | 8·8 | 13·6 | Fine; partially cloudy. Faint parhelia in afternoon. |
| Thursday - 14 | w. P. till 9h. A.M.; s. N. till 11h. A.M.; v. P. generally till 7h. P.M.; s. N. afterwards. | 0·5 | 13·7 | Generally overcast in morning with slight rain in forenoon; fine with thin clouds and solar halo in afternoon; overcast with rain at night. |
| Friday - 15 | v. N. till 3h. A.M.; v. P. afterwards. | 5·4 | 13·8 | Overcast with rain in morning; fine and partially cloudy afterwards. Slightly foggy at night. |
| Saturday - 16 | s. P. in morning; m. P. and w. N. afterwards. | 2·2 | 13·9 | Hoar frost in morning; very fine till 8h. A.M.; gloomy and foggy till noon; cloudy till evening; cloudless at night. |
| | | Sum 25·8 | Sum 95·7 | |
| No. of Col. - - | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased from 29·79 in. at the beginning of the week to 29·50 in. by 6h. P.M. on the 10th; increased to 29·63 in. by 8h. A.M. on the 11th; decreased to 29·15 in. by 1h. A.M. on the 12th; increased to 29·88 in. by 9h. A.M. on the 13th; decreased to 29·52 in. by 4h. A.M. on the 15th; and increased to 29·87 in. by the end of the week.

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1898.

OFFICIAL COPY.

# WEEKLY RETURN

OF

# BIRTHS AND DEATHS IN LONDON

AND IN

## THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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No. 16. 1898. VOL. LIX.] WEEK ENDING SATURDAY, APRIL 23. [Price 1½*d.*

*General Register Office, Somerset House,*
*April 25th*, 1898.

### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 18·1 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000 :—

| TOWNS. | Weeks ending | | | | TOWNS. | Weeks ending | | | |
|---|---|---|---|---|---|---|---|---|---|
| | April 2. | April 9. | April 16. | April 23. | | April 2. | April 9. | April 16. | April 23. |
| 33 Great Towns | 21·5 | 20·2 | 19·5 | 18·1 | Leicester - - | 18·5 | 21·0 | 24·2 | 18·5 |
| Birkenhead - | 24·9 | 17·0 | 16·1 | 17·0 | Liverpool - - | 30·7 | 27·7 | 27·5 | 22·7 |
| Birmingham - | 21·3 | 22·9 | 18·1 | 18·9 | London - - - | 21·8 | 19·6 | 19·1 | 17·9 |
| Blackburn - | 21·9 | 17·2 | 18·8 | 19·6 | Manchester - - | 23·2 | 18·7 | 22·0 | 20·2 |
| Bolton - - | 22·6 | 20·4 | 14·0 | 14·9 | Newcastle-on-Tyne | 17·3 | 22·9 | 26·0 | 23·8 |
| Bradford - | 22·8 | 21·9 | 21·4 | 20·5 | Norwich - - | 18·2 | 15·9 | 20·5 | 20·1 |
| Brighton - | 19·6 | 17·5 | 15·8 | 13·6 | Nottingham - - | 21·2 | 19·9 | 16·1 | 17·9 |
| Bristol - | 22·4 | 19·7 | 17·6 | 16·6 | Oldham - - | 18·6 | 14·1 | 24·6 | 14·4 |
| Burnley - | 20·9 | 20·5 | 17·1 | 15·7 | Plymouth - - | 22·6 | 23·7 | 19·5 | 15·3 |
| Cardiff - - | 17·6 | 15·3 | 16·7 | 14·4 | Portsmouth - - | 16·8 | 12·6 | 12·6 | 10·9 |
| Croydon - | 15·5 | 18·0 | 17·2 | 8·4 | Preston - - | 22·9 | 21·1 | 12·5 | 16·6 |
| Derby - - | 20·9 | 23·4 | 18·4 | 16·4 | Salford - - - | 19·6 | 25·6 | 22·0 | 21·0 |
| Gateshead - | 15·6 | 16·1 | 25·6 | 18·6 | Sheffield - - | 19·3 | 23·0 | 16·5 | 19·5 |
| Halifax - | 18·3 | 18·9 | 23·2 | 17·8 | Sunderland - - | 19·9 | 19·9 | 18·5 | 24·6 |
| Huddersfield- | 15·3 | 20·4 | 16·3 | 16·8 | Swansea - - | 25·6 | 16·4 | 14·8 | 13·8 |
| Hull - - | 18·1 | 20·9 | 19·3 | 15·7 | West Ham - - | 14·7 | 14·7 | 13·6 | 14·7 |
| Leeds - - | 24·4 | 23·5 | 22·0 | 20·5 | Wolverhampton - | 25·5 | 19·5 | 21·9 | 17·2 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were :—from *measles*, 1·0 in Derby, 1·1 in Oldham, 1·5 in London, in Bristol, and in Leeds, 1·6 in Halifax and in Sheffield, and 2·7 in Leicester; from *whooping-cough*, 1·0 in Sheffield and in Gateshead, 1·1 in Oldham, and 1·9 in Salford; and from *diarrhœa*, 1·1 in Plymouth. In no case did the death-rate from *scarlet fever* or from "*fever*" reach 1·0 per 1000 in any of the thirty-three towns. The 48 deaths from *diphtheria* included 31 in London, 3 in Cardiff, and 3 in Liverpool. One death from *small-pox* was registered in Sunderland, but not one in any other of the thirty-three towns.

In the registration district of Middlesbrough 5 deaths from small-pox were registered last week, making a total of 193 deaths from this disease since the beginning of the year.

### LONDON.

In LONDON† 2769 BIRTHS and 1546 DEATHS were registered. Allowing for increase of population, the births were 33 above, and the deaths 147 below, the average numbers in the corresponding weeks of the last ten

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

years. The annual death-rate per 1000 from all causes, which had been 21·8, 19·6, and 19·1 in the preceding three weeks, further fell last week to 17·9. During the four weeks ending on Saturday last the death-rate averaged 19·6 per 1000, being 0·2 per 1000 below the mean rate in the corresponding periods of the ten years 1888–97.

The 1546 deaths included 131 from measles, 19 from scarlet fever, 31 from diphtheria, 53 from whooping-cough, 5 from enteric fever, 1 from an ill-defined form of continued fever, 10 from diarrhœa and dysentery, and not one death from small-pox, from typhus, or from cholera; thus, 241 deaths were referred to these diseases, being 20 above the corrected average weekly number.

The deaths from *measles*, which had been 115, 108, and 117 in the preceding three weeks, further rose last week to 131, and were 57 above the corrected average; 13 cases belonged to Islington, 11 to Paddington, 10 to St. Marylebone, 9 to Wandsworth, 8 to Kensington, 7 to Lambeth, 7 to Camberwell, 6 to Bethnal Green, 6 to Poplar, and 6 to Greenwich sanitary areas. The deaths from *scarlet fever*, which had been 22, 19, and 12 in the preceding three weeks, further fell last week to 10, and were 6 below the corrected average; 2 cases belonged to Lambeth and 2 to Plumstead sanitary areas. The deaths from *diphtheria*, which had been 45, 29, and 34 in the preceding three weeks, fell again last week to 31, and were 2 below the corrected average; 6 cases belonged to Wandsworth, 3 to Hackney, and 3 to Camberwell sanitary areas. The deaths from *whooping-cough*, which had been 63, 64, and 59 in the preceding three weeks, further fell last week to 53, and were 20 below the corrected average; 9 cases belonged to Camberwell and 7 to Islington sanitary areas. The fatal cases of *enteric fever*, which had been 7, 9, and 7 in the preceding three weeks, further fell last week to 5, and were 3 below the corrected average. The deaths from *diarrhœa*, which had been 9, 15, and 12 in the preceding three weeks, were 10 last week, the corrected average being 15. The deaths referred to diseases of the respiratory organs, which had been 451, 372, and 305 in the preceding three weeks, further fell last week to 283, and were 96 below the corrected average. The deaths attributed directly to *influenza* numbered 23, having been 52, 33, and 32 in the preceding three weeks.

Different forms of violence caused 55 deaths, concerning all of which inquests were held. Of these 55 deaths, 10 were cases of suicide and 1 of homicide, while the remaining 44 were attributed to accident or negligence. Four of these were referred to vehicles in the streets, and 13 (of infants under one year of age), to suffocation in bed.

### Cases of Infectious Sickness in Hospitals.*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2334 cases of scarlet fever, 953 of diphtheria, 5 of typhus, and 67 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 241 cases, against 239, 234, and 217; of diphtheria, 105 cases, against 121, 121, and 109; and of enteric fever, 14 cases, against 7, 11, and 13.

### Greater London.

In Greater London 3912 births and 1976 deaths were registered, corresponding to annual rates of 31·8 and 16·1 per 1000 of the estimated population. In the Outer Ring 22 deaths from measles, 2 from scarlet fever, 16 from diphtheria, 10 from whooping-cough, 5 from "fever," and 2 from diarrhœa were registered. Six deaths from measles occurred in Brentford district, 6 in Edmonton district, and 5 in West Ham district; 4 from diphtheria occurred in Edmonton, 3 in Dartford, 3 in Hendon, and 3 in West Ham districts.

### Meteorology.

The mean reading of the Barometer last week at Greenwich was 29·84 inches, and that of the Thermometer 46°·4, the latter being 1°·9 below the week's average in the 50 years 1841–90. The direction of the wind was north-easterly, the horizontal movement of the air being 27 per cent. below the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 46·4 hours; no rain was measured during the week.

* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Registered during the Week ending 16th April 1898. Births. | Deaths. | The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Annual Rate per 1000, corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6–12. | Temperature of the Air. Highest. Fahrenheit. | Lowest. Fahrenheit. | Mean. Fahrenheit. | Mean. Centigrade. | Rainfall. In Inches. | In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| **33 Towns** | **11,218,378** | **7202** | **3905** | **862** | **954** | **1** | **211** | **28** | **48** | **121** | **31** | **32** | **135** | **263** | **896** | **39** | **18·1** | **2·2** | **64·1** | **27·5** | **44·4** | **6·89** | **0·02** | **0·05** | **33 Towns.** |
| London | 4,504,766 | 2769 | 1546 | 336 | 345 | - | 131 | 10 | 31 | 53 | 6 | 10 | 55 | 123 | 472 | 11 | 17·9 | 2·8 | 64·1 | 33·1 | 46·4 | 8·00 | 0·00 | 0·00 | London. |
| West Ham | 286,654 | 169 | 81 | 20 | 13 | - | 1 | 1 | 2 | 2 | 2 | - | 4 | 6 | 13 | - | 14·7 | 1·5 | - | - | - | - | - | - | West Ham. |
| Croydon | 124,421 | 71 | 20 | 2 | 5 | - | 1 | - | - | - | 1 | - | - | 1 | 2 | - | 8·4 | 0·8 | 63·3 | 27·5 | 45·6 | 7·56 | 0·00 | 0·00 | Croydon. |
| Brighton | 122,310 | 69 | 32 | 8 | 13 | - | 2 | - | - | - | - | - | 2 | 6 | 8 | - | 13·6 | 0·9 | 57·0 | 36·0 | 44·7 | 7·06 | 0·00 | 0·00 | Brighton. |
| Portsmouth | 186,618 | 116 | 39 | 9 | 7 | - | - | - | 1 | 2 | - | - | 1 | 1 | 7 | - | 10·9 | 0·8 | 57·0 | 32·5 | 44·0 | 6·67 | 0·02 | 0·05 | Portsmouth. |
| Plymouth | 99,136 | 62 | 29 | 6 | 6 | - | - | - | - | 1 | - | 2 | 1 | 2 | - | 1 | 15·3 | 1·6 | - | - | - | - | - | - | Plymouth. |
| Bristol | 316,900 | 188 | 101 | 19 | 30 | - | 9 | - | - | - | - | - | 3 | 6 | 20 | 2 | 16·6 | 1·5 | 58·0 | 31·0 | 43·4 | 6·33 | 0·10 | 0·25 | Bristol. |
| Cardiff | 177,770 | 128 | 49 | 10 | 13 | - | 1 | 2 | 3 | - | - | - | 1 | 2 | 7 | - | 14·4 | 1·8 | - | - | - | - | - | - | Cardiff. |
| Swansea | 102,001 | 66 | 27 | 10 | 4 | - | 1 | - | - | 1 | - | - | 1 | 1 | - | - | 13·8 | 1·0 | - | - | - | - | - | - | Swansea. |
| Wolverhampton | 88,051 | 85 | 29 | 4 | 11 | - | - | - | 1 | - | - | 1 | 2 | 3 | 8 | - | 17·2 | 1·2 | 57·6 | 31·6 | 43·7 | 6·50 | 0·00 | 0·00 | Wolverhampton. |
| Birmingham | 510,343 | 384 | 185 | 52 | 40 | - | 2 | 1 | 1 | 5 | 6 | 6 | 8 | 10 | 40 | 5 | 18·9 | 2·1 | - | - | - | - | - | - | Birmingham. |
| Norwich | 111,699 | 82 | 43 | 9 | 13 | - | - | - | 1 | 1 | - | 1 | 4 | 4 | 10 | 2 | 20·1 | 1·4 | 58·8 | 32·0 | 42·6 | 5·89 | 0·00 | 0·00 | Norwich. |
| Leicester | 208,662 | 138 | 74 | 22 | 21 | - | 11 | - | - | 1 | - | - | 3 | 3 | 13 | 2 | 18·5 | 3·0 | - | - | - | - | - | - | Leicester. |
| Nottingham | 236,137 | 139 | 81 | 27 | 23 | - | - | 1 | 1 | 1 | 1 | 1 | 2 | 3 | 15 | - | 17·9 | 1·1 | 60·2 | 35·0 | 45·1 | 7·28 | 0·00 | 0·00 | Nottingham. |
| Derby | 104,834 | 47 | 33 | 12 | 7 | - | 2 | - | - | 1 | - | - | 2 | 3 | 5 | - | 16·4 | 1·5 | - | - | - | - | - | - | Derby. |
| Birkenhead | 113,189 | 61 | 37 | 7 | 12 | - | 1 | 2 | - | - | - | - | 1 | 3 | 6 | - | 17·0 | 1·4 | - | - | - | - | - | - | Birkenhead. |
| Liverpool | 633,645 | 479 | 276 | 54 | 78 | - | 5 | - | 3 | 11 | 4 | 1 | 9 | 14 | 72 | 7 | 22·7 | 2·0 | 59·3 | 36·4 | 45·6 | 7·56 | 0·02 | 0·05 | Liverpool. |
| Bolton | 122,495 | 80 | 35 | 12 | 10 | - | - | - | - | 2 | - | - | - | 1 | 6 | - | 14·9 | 0·9 | - | - | - | - | - | - | Bolton. |
| Manchester | 539,079 | 388 | 209 | 50 | 40 | - | 1 | 1 | - | 6 | 4 | 2 | 8 | 15 | 43 | - | 20·2 | 1·4 | - | - | - | - | - | - | Manchester. |
| Salford | 215,702 | 165 | 87 | 15 | 16 | - | 2 | - | - | 8 | 2 | - | 4 | 6 | 11 | 1 | 21·0 | 2·9 | - | - | - | - | - | - | Salford. |
| Oldham | 148,288 | 80 | 41 | 6 | 10 | - | 3 | - | - | 3 | - | 1 | - | - | 4 | - | 14·4 | 2·5 | - | - | - | - | - | - | Oldham. |
| Burnley | 109,546 | 56 | 33 | 7 | 8 | - | - | - | 2 | - | - | - | 2 | 2 | 6 | 1 | 15·7 | 1·0 | - | - | - | - | - | - | Burnley. |
| Blackburn | 133,228 | 77 | 50 | 12 | 13 | - | 1 | 1 | - | - | 2 | 1 | 2 | 2 | 13 | - | 19·6 | 2·0 | - | - | - | - | - | - | Blackburn. |
| Preston | 116,356 | 86 | 37 | 9 | 10 | - | - | - | 1 | - | 1 | 1 | 1 | 2 | 3 | - | 16·6 | 1·3 | - | - | - | - | - | - | Preston. |
| Huddersfield | 102,454 | 47 | 33 | 2 | 14 | - | - | - | - | - | - | - | 3 | 3 | 9 | - | 16·8 | - | 59·0 | 33·0 | 42·6 | 5·89 | 0·06 | 0·15 | Huddersfield. |
| Halifax | 96,729 | 47 | 33 | 6 | 9 | - | 3 | - | - | - | - | 1 | 1 | 2 | 3 | 1 | 17·8 | 2·2 | - | - | - | - | - | - | Halifax. |
| Bradford | 233,737 | 117 | 92 | 17 | 31 | - | 4 | - | - | 2 | - | - | 1 | 1 | 11 | - | 20·5 | 1·3 | 56·6 | 39·2 | 46·6 | 8·11 | 0·04 | 0·10 | Bradford. |
| Leeds | 416,618 | 278 | 164 | 35 | 33 | - | 12 | 2 | - | 5 | - | 1 | 4 | 12 | 21 | - | 20·5 | 2·5 | - | - | - | - | - | - | Leeds. |
| Sheffield | 356,478 | 244 | 133 | 23 | 35 | - | 11 | 4 | - | 7 | 1 | 2 | 5 | 10 | 21 | 1 | 19·5 | 3·7 | - | - | - | - | - | - | Sheffield. |
| Hull | 229,887 | 175 | 69 | 14 | 25 | - | 1 | 1 | - | 1 | - | - | 2 | 6 | 17 | 2 | 15·7 | 0·7 | 61·0 | 31·0 | 42·4 | 5·78 | 0·00 | 0·00 | Hull. |
| Sunderland | 143,849 | 109 | 68 | 15 | 16 | 1 | 2 | 1 | - | 2 | - | - | 2 | 4 | 10 | 1 | 24·6 | 2·2 | - | - | - | - | - | - | Sunderland. |
| Gateshead | 103,775 | 61 | 37 | 12 | 9 | - | - | 1 | - | 2 | - | - | 1 | 3 | 3 | 1 | 18·6 | 1·5 | - | - | - | - | - | - | Gateshead. |
| Newcastle | 223,021 | 139 | 102 | 20 | 34 | - | 4 | - | 1 | 4 | 1 | 1 | - | 3 | 17 | 1 | 23·8 | 2·6 | - | - | - | - | - | - | Newcastle. |

* See note * on first page of this return.

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the SIXTEENTH Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2579 | 2488 | 2735 | 2577 | 2494 | 2660 | 2457 | 2677 | 2836 | 2499 | 2736·2 | 2769 |
| Males | 1289 | 1301 | 1358 | 1308 | 1311 | 1357 | 1249 | 1355 | 1430 | 1255 | 1390·4 | 1425 |
| Females | 1290 | 1187 | 1377 | 1269 | 1183 | 1303 | 1208 | 1322 | 1406 | 1244 | 1345·8 | 1344 |
| TOTAL **Deaths** | 1551 | 1426 | 1611 | 1809 | 1715 | 1730 | 1509 | 1585 | 1653 | 1500 | 1693·0 | 1546 |
| Males | 792 | 708 | 816 | 928 | 876 | 872 | 787 | 854 | 900 | 790 | 875·8 | 805 |
| Females | 759 | 718 | 795 | 881 | 839 | 858 | 722 | 731 | 753 | 710 | 817·2 | 741 |

* The numbers in this column are the average weekly numbers in the sixteenth week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | Jan. 29. | Feb. 5. | Feb. 12. | Feb. 19. | Feb. 26. | Mar. 5. | Mar. 12. | Mar 19. | Mar. 26. | Apr. 2. | Apr. 9. | Apr. 16. | Apr. 23. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2639 | 2603 | 2843 | 2527 | 2644 | 2585 | 2736 | 2576 | 2218 | 2860 | 2415 | 2623 | 2769 |
| TOTAL **Deaths** | 1764 | 1861 | 1922 | 1856 | 1889 | 1805 | 1854 | 1869 | 1731 | 1883 | 1691 | 1648 | 1546 |
| Ages at Death: Under 1 year | 358 | 385 | 366 | 392 | 398 | 384 | 381 | 367 | 331 | 386 | 368 | 377 | 336 |
| 1—5 years | 306 | 298 | 318 | 318 | 324 | 302 | 340 | 311 | 358 | 338 | 295 | 285 | 283 |
| 5—20 ,, | 72 | 92 | 93 | 75 | 100 | 98 | 97 | 83 | 98 | 84 | 86 | 76 | 88 |
| 20—40 ,, | 206 | 204 | 230 | 221 | 226 | 218 | 202 | 206 | 202 | 198 | 195 | 186 | 194 |
| 40—60 ,, | 341 | 335 | 342 | 334 | 363 | 334 | 340 | 360 | 314 | 344 | 309 | 290 | 300 |
| 60—80 ,, | 372 | 438 | 467 | 423 | 391 | 379 | 383 | 425 | 344 | 424 | 364 | 362 | 272 |
| 80 years and upwards | 109 | 109 | 106 | 93 | 87 | 90 | 111 | 117 | 84 | 109 | 74 | 72 | 73 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Measles | 79 | 80 | 87 | 100 | 106 | 115 | 141 | 134 | 143 | 115 | 108 | 117 | 131 |
| Scarlet Fever | 17 | 12 | 19 | 9 | 11 | 8 | 8 | 10 | 15 | 22 | 19 | 12 | 10 |
| Diphtheria | 36 | 42 | 45 | 33 | 46 | 38 | 33 | 36 | 53 | 45 | 29 | 34 | 31 |
| Whooping-cough | 84 | 64 | 67 | 53 | 52 | 49 | 59 | 56 | 59 | 63 | 64 | 59 | 53 |
| Typhus | – | – | – | – | – | – | – | – | 1 | 1 | – | – | – |
| Enteric Fever | 9 | 8 | 6 | 8 | 9 | 11 | 7 | 10 | 1 | 7 | 9 | 7 | 5 |
| Simple Continued Fever | 1 | 1 | – | – | – | – | – | – | – | – | – | – | 1 |
| Diarrhœa and Dysentery | 10 | 17 | 12 | 8 | 8 | 11 | 9 | 11 | 9 | 9 | 15 | 12 | 10 |
| Cholera | – | – | – | – | – | – | – | – | – | – | – | – | – |
| All the above Diseases | 236 | 224 | 236 | 211 | 232 | 232 | 257 | 257 | 281 | 262 | 244 | 241 | 241 |
| Dis. of Respiratory System | 471 | 471 | 468 | 438 | 416 | 425 | 429 | 430 | 402 | 451 | 372 | 305 | 283 |
| Phthisis | 159 | 163 | 192 | 180 | 179 | 172 | 192 | 184 | 143 | 160 | 146 | 138 | 154 |
| Dis. of Circulatory System | 135 | 126 | 164 | 141 | 161 | 153 | 141 | 136 | 137 | 147 | 140 | 141 | 129 |
| Violence | 52 | 78 | 61 | 77 | 74 | 53 | 68 | 59 | 84 | 53 | 78 | 76 | 55 |
| Inquest Cases | 130 | 153 | 159 | 169 | 174 | 142 | 176 | 157 | 160 | 141 | 137 | 158 | 123 |
| Deaths in Public Institutions | 478 | 538 | 532 | 551 | 515 | 477 | 471 | 543 | 542 | 544 | 529 | 461 | 472 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean | 42°·4 | 44°·0 | 43°·0 | 42°·7 | 37°·6 | 38°·9 | 37°·7 | 45°·7 | 37°·5 | 40°·7 | 49°·3 | 49°·3 | 46°·4 |
| Mean of Highest readings | 45·2 | 49·4 | 48·3 | 47·6 | 44·8 | 46·2 | 43·9 | 52·6 | 44·8 | 48·3 | 59·3 | 57·4 | 56·8 |
| Mean of Lowest readings | 39·8 | 39·6 | 37·8 | 38·3 | 31·4 | 33·5 | 32·3 | 38·6 | 31·5 | 34·4 | 40·6 | 42·2 | 37·6 |
| Humidity of the Air | 80 | 79 | 81 | 80 | 76 | 81 | 76 | 78 | 84 | 79 | 67 | 72 | 73 |
| Rain-fall (in inches) | 0·00 | 0·28 | 0·20 | 0·35 | 0·21 | 0·59 | 0·01 | 0·25 | 0·56 | 0·15 | 0·13 | 0·31 | 0·00 |
| Registered Sunshine (in hours) | 2·2 | 10·2 | 7·0 | 9·4 | 25·8 | 15·1 | 18·0 | 13·3 | 16·5 | 28·9 | 47·8 | 25·8 | 46·4 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox | – | – | – | – | – | 1 | 1 | 1 | 1 | – | – | – | – |
| Scarlet Fever | 3061 | 2964 | 2871 | 2781 | 2674 | 2534 | 2445 | 2419 | 2371 | 2377 | 2421 | 2384 | 2334 |
| Diphtheria | 1062 | 1044 | 1042 | 1058 | 1061 | 1047 | 1027 | 1024 | 1022 | 1009 | 1004 | 962 | 953 |
| Enteric Fever | 106 | 96 | 93 | 87 | 84 | 82 | 84 | 79 | 72 | 64 | 62 | 61 | 67 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton: A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Boobbyer Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S. Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the SIXTEENTH Week of the Year 1898.

| CAUSES OF DEATH. | Corrected Averages for the 16th Week of the 10 years 1888-97*. | In the Week ending Saturday, 23rd April 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| L CAUSES - - - | 1693·0 | 1546 | 336 | 283 | 88 | 194 | 300 | 272 | 73 |
| mall-pox { Vaccinated† - | 0·9 | - | - | - | - | - | - | - | - |
| { Unvaccinated | 0·5 | - | - | - | - | - | - | - | - |
| { No Statement | - | - | - | - | - | - | - | - | - |
| easles - - - - | 74·1 | 131 | 29 | 101 | 1 | - | - | - | - |
| arlet Fever - - - | 15·7 | 10 | - | 7 | 3 | - | - | - | - |
| phus - - - - | 0·2 | - | - | - | - | - | - | - | - |
| elapsing Fever - - | - | - | - | - | - | - | - | - | - |
| fluenza - - - - | 16·4 | 23 | - | 1 | 2 | 3 | 9 | 6 | 2 |
| hooping-cough - - | 73·0 | 53 | 27 | 24 | 2 | - | - | - | - |
| phtheria - - | 32·9 | 31 | - | 22 | 9 | - | - | - | - |
| ephus Continued and ill-defined Fever - | 0·2 | 1 | - | - | - | - | 1 | - | - |
| eteric Fever - - - | 8·2 | 5 | - | - | 2 | 2 | 1 | - | - |
| olera and Chol. Diarr. | - | - | - | - | - | - | - | - | - |
| arrhœa, Dysentery - | 15·2 | 10 | 8 | - | - | - | 1 | 1 | - |
| emittent Fever - - | 0·2 | - | - | - | - | - | - | - | - |
| ydrophobia - - - | - | - | - | - | - | - | - | - | - |
| nthers - - - - | - | - | - | - | - | - | - | - | - |
| ox and Effects of vaccination - - | 0·5 | - | - | - | - | - | - | - | - |
| nereal Affections - - | 8·6 | 1 | 1 | - | - | - | - | - | - |
| rysipelas - - - | 3·4 | 2 | 2 | - | - | - | - | - | - |
| æmia and Septicæmia | 2·9 | 2 | 1 | - | - | 1 | - | - | - |
| erperal Fever - - | 4·2 | 4 | - | - | 1 | 3 | - | - | - |
| her Zymotic Diseases | 1·9 | - | - | - | - | - | - | - | - |
| rush - - - - | 0·5 | - | - | - | - | - | - | - | - |
| rms and other Parasitical Diseases - | 0·2 | - | - | - | - | - | - | - | - |
| rvation, Want of breast-milk - - | 1·6 | 2 | 2 | - | - | - | - | - | - |
| oholism - - - | 10·3 | 13 | - | - | - | 6 | 7 | - | - |
| eumatic Fever, Rheumatism of Heart | 6·4 | 4 | - | - | 1 | 1 | 2 | - | - |
| eumatism - - - | 1·8 | 1 | - | - | - | 1 | - | - | - |
| out - - - - - | 3·7 | 5 | - | - | - | - | 3 | 2 | - |
| ckets - - - - | 6·0 | 10 | 3 | 7 | - | - | - | - | - |
| ncer - - - - | 64·7 | 72 | - | - | - | 6 | 31 | 33 | 2 |
| ves Mesenterica - - | 19·7 | 23 | 8 | 7 | 4 | 2 | 1 | 1 | - |
| ercular Meningitis - | 27·4 | 28 | 7 | 15 | 3 | 3 | - | - | - |
| thisis - - - - | 167·1 | 154 | 3 | 8 | 9 | 69 | 52 | 13 | - |
| rofula, Tuberculosis - | 20·6 | 19 | 5 | 5 | 5 | 1 | 3 | - | - |
| her Constitutional Diseases - - | 11·3 | 8 | - | - | 1 | 2 | 2 | 2 | 1 |
| emature Birth - - | 45·4 | 58 | 58 | - | - | - | - | - | - |
| electasis - - - | 3·6 | 4 | 4 | - | - | - | - | - | - |
| ngenital Malformations - - - - | 7·7 | 6 | 5 | - | 1 | - | - | - | - |
| d Age - - - - - | 52·4 | 55 | - | - | - | - | - | 25 | 30 |
| pplexy - - - | 42·0 | 38 | - | - | - | 1 | 15 | 18 | 4 |
| pilepsy - - - - | 6·9 | 6 | - | - | 2 | 2 | 1 | 1 | - |
| nvulsions - - - | 43·5 | 34 | 29 | 5 | - | - | - | - | - |
| her Diseases of Brain and Nervous System | 92·4 | 84 | 9 | 14 | 4 | 9 | 18 | 24 | 6 |
| eases of Organs of Special Sense - | 3·8 | 3 | 2 | - | - | - | 1 | - | - |

| CAUSES OF DEATH | Corrected Averages for the 16th Week of the 10 years 1888-97*. | In the Week ending Saturday, 23rd April 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 145·5 | 129 | 2 | 3 | 11 | 17 | 48 | 42 | 6 |
| Croup - - - - | 4·4 | 1 | - | 1 | - | - | - | - | - |
| Bronchitis - - - | 197·0 | 143 | 33 | 17 | - | 3 | 25 | 54 | 11 |
| Pneumonia - - - | 143·5 | 108 | 17 | 29 | 4 | 22 | 18 | 14 | 4 |
| Pleurisy - - - - | 7·7 | 11 | 2 | - | - | 3 | 3 | 2 | 1 |
| Other Diseases of Respiratory System - | 26·4 | 20 | 5 | 3 | 1 | - | 7 | 4 | - |
| Dentition - - - - | 12·8 | 7 | 1 | 6 | - | - | - | - | - |
| Quinsy, Sore Throat - | 2·4 | - | - | - | - | - | - | - | - |
| Enteritis - - - - | 11·2 | 17 | 9 | 2 | 3 | - | 1 | - | 2 |
| Peritonitis - - - | 5·9 | 5 | - | 1 | 1 | 1 | 2 | - | - |
| Diseases of Liver - - | 24·0 | 23 | - | - | 1 | 3 | 8 | 10 | 1 |
| Other Diseases of Digestive System | 28·2 | 30 | 9 | - | 3 | 2 | 8 | 5 | 3 |
| Diseases of Lymphatic System & of Ductless Glands - - - | 2·1 | 1 | - | - | - | 1 | - | - | - |
| Diseases of Urinary System - - - | 47·6 | 45 | 1 | 1 | 7 | 7 | 16 | 13 | - |
| Diseases of Generative System - - - | 5·5 | 7 | 1 | - | - | 5 | 1 | - | - |
| Accidents of Childbirth - | 4·9 | 4 | - | - | 1 | 3 | - | - | - |
| Diseases of Locomotive System - - - | 6·2 | 3 | - | - | 1 | 1 | 1 | - | - |
| Diseases of Integumentary System - - | 5·1 | 4 | 3 | - | - | - | - | 1 | - |
| VIOLENT DEATHS‡ (ACCIDENT.) | | | | | | | | | |
| By Railways - - - | 51·1 | - | - | - | - | - | - | - | - |
| By Vehicles or Horses - | | 4 | - | - | 1 | 3 | - | - | - |
| In Ships, Boats, Docks, (exclusive of Drowning) - - - | | 1 | - | - | - | - | 1 | - | - |
| In Building Operations - | | - | - | - | - | - | - | - | - |
| In Conflagrations - - | | - | - | - | - | - | - | - | - |
| By Burns, Scalds, Explosions - - | | 3 | - | 3 | - | - | - | - | - |
| By Drowning - - - | | 3 | 1 | - | 1 | 1 | - | - | - |
| By Suffocation in Bed - | | 13 | 13 | - | - | - | - | - | - |
| By Poisons or Poisonous Vapours - - | | 3 | - | - | - | 1 | 2 | - | - |
| Other or not stated causes - - - - | | 17 | 5 | 1 | 3 | 4 | 3 | 1 | - |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - | 1·2 | 1 | - | - | - | - | 1 | - | - |
| Suicide - - - - | 10·4 | 10 | - | - | - | 5 | 5 | - | - |
| Execution - - - | - | - | - | - | - | - | - | - | - |
| OTHER CAUSES - - | 51·9 | 33 | 31 | - | - | - | 2 | - | - |

The numbers in this column are the average weekly deaths for the ten years 1888-97, raised by 5·230 per cent. for increase population.

Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered dical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the use of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

‡ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of cident, murder manslaughter or suicide. All such cases are classed under "accident."

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLE SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in eac SUB-DISTRICT during the Week ending Saturday, 23rd April, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2769 | 1546 | 336 | 345 | - | 131 | 10 | 31 | 53 | - | 5 | 1 | 10 | 55 | 123 | 472 | 1 |
| WEST DISTRICTS - - - | 778,251 | 403 | 254 | 37 | 60 | - | 35 | 1 | 3 | 7 | - | 1 | - | - | 8 | 19 | 64 | |
| NORTH DISTRICTS - - - | 1,040,694 | 572 | 344 | 70 | 95 | - | 27 | 1 | 10 | 15 | - | 1 | - | 2 | 11 | 21 | 112 | |
| CENTRAL DISTRICTS - - - | 233,635 | 155 | 101 | 16 | 19 | - | 8 | - | 3 | 3 | - | - | - | 1 | 4 | 9 | 38 | |
| EAST DISTRICTS - - - | 716,334 | 532 | 272 | 66 | 54 | - | 19 | - | 1 | 11 | - | - | - | 2 | 9 | 30 | 102 | |
| SOUTH DISTRICTS - - - | 1,642,796 | 1107 | 539 | 147 | 107 | - | 42 | 7 | 13 | 17 | - | 3 | 1 | 5 | 23 | 44 | 120 | 1 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | — | - | 36 | - | 10 | - | - | 1 | 1 | - | - | - | - | - | - | - | 36 | |
| WEST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 51 | 31 | 4 | 6 | - | 10 | - | 1 | - | - | - | - | - | 1 | 2 | 1 | |
| St. John Paddington *H* - - G. | 33,510 | 5 | 11 | 1 | 2 | - | - | - | - | - | - | - | - | - | 1 | 1 | 3 | |
| Kensington Town *Ww* - - W. | 122,164 | 49 | 50 | 8 | 21 | - | 8 | - | - | 1 | - | - | - | - | 1 | 3 | 21 | |
| Brompton *HH*- - - W. & C. | 48,301 | 15 | 11 | 2 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | 3 | |
| St. Peter Hammersmith - - W. | 9,097 | 5 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | |
| St. Paul Hammersmith *HH* W. & G. | 35,102 | 64 | 25 | 4 | 3 | - | 4 | - | - | 4 | - | - | - | - | 1 | 1 | 2 | |
| Fulham *Ww* - - - W. & C. | 113,781 | 98 | 33 | 7 | 6 | - | 2 | - | 2 | - | - | - | - | - | - | 1 | 9 | |
| Chelsea Kensal Town - C. | 21,450 | 6 | 4 | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - | |
| Chelsea North *WHHHHH* - C. | 42,057 | 20 | 21 | 3 | 6 | - | 2 | 1 | - | - | - | - | - | - | - | 3 | 5 | |
| Chelsea South *HH* - - C. | 33,139 | 18 | 13 | 3 | 3 | - | 1 | - | - | - | - | - | - | - | 2 | 4 | 1 | |
| May Fair *W* - - - - G. | 23,827 | 6 | 6 | - | 5 | - | - | - | - | - | - | - | - | - | - | - | 4 | |
| Belgrave *WHHH* - - - C. | 56,140 | 26 | 20 | 3 | - | - | - | - | - | 1 | - | - | - | - | 1 | 1 | 8 | |
| St. John Westminster *HH* - C. | 31,492 | 16 | 9 | - | 3 | - | 3 | - | - | 1 | - | - | - | - | - | - | - | |
| St. Margaret Westminster *H*- C. | 22,097 | 9 | 11 | - | 3 | - | 1 | - | - | - | - | 1 | - | - | - | - | 7 | |
| St. James Westminster *WHH* N. & G. | 23,050 | 8 | 5 | 2 | 1 | - | 1 | - | - | - | - | - | - | - | 1 | 1 | - | |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 7 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | |
| NORTH DISTRICTS. | | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - - W. | 36,595 | 17 | 20 | 2 | 3 | - | 3 | - | 1 | - | - | - | - | - | - | 2 | 11 | |
| Rectory Marylebone *W* G. & W. | 19,798 | 5 | 5 | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | 2 | |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 17 | 9 | 3 | 1 | - | - | - | - | 2 | - | - | - | - | - | 2 | 2 | |
| Christchurch Marylebone *H* - W | 32,547 | 12 | 9 | 1 | 4 | - | 2 | - | - | - | - | - | - | - | - | - | - | |
| St. John Marylebone *HHH* W. | 32,611 | 9 | 8 | 1 | 3 | - | 2 | - | - | - | - | - | - | - | - | - | - | |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 23 | 25 | 7 | 5 | - | 1 | - | 4 | 1 | - | - | - | 1 | 1 | 1 | 13 | |
| Regent's Park Pancras *HH* - W. | 37,341 | 18 | 13 | 3 | 1 | - | - | - | - | 1 | - | - | - | - | - | 2 | 2 | |
| Tottenham-court *wHHH* - N. & W. | 26,757 | 13 | 10 | 1 | 3 | - | - | - | - | - | - | - | - | - | - | - | 8 | |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 20 | 14 | 4 | 2 | - | - | - | - | - | - | - | - | - | 2 | 2 | 5 | |
| Somers Town *HH* - - - N. | 32,161 | 21 | 4 | 1 | - | - | 1 | - | - | 1 | - | - | - | - | 1 | 2 | 2 | |
| Camden Town *WH* - - N. | 16,669 | 11 | 16 | 2 | 9 | - | - | - | - | 2 | - | - | - | - | - | - | 10 | |
| Kentish Town *WW* - - N. | 98,410 | 59 | 24 | 7 | 5 | - | 1 | - | - | - | - | - | - | - | 1 | 1 | 6 | |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 70 | 55 | 12 | 15 | - | 9 | 1 | - | - | - | - | - | - | 2 | 2 | 30 | |
| Islington South-west H - N. | 107,365 | 70 | 26 | 8 | 5 | - | 2 | - | - | 4 | - | - | - | - | - | 1 | - | |
| Islington South-east - - N. | 66,549 | 47 | 19 | 11 | 5 | - | 2 | - | - | 1 | - | - | - | - | 2 | 3 | - | |
| Highbury *HH* - - - N. | 64,577 | 28 | 15 | 1 | 6 | - | - | - | - | 1 | - | - | - | 1 | - | - | - | |
| Stoke Newington *H* - - N. | 33,485 | 13 | 11 | - | 5 | - | - | - | - | - | - | - | - | - | - | - | - | |
| North Hackney - - E. & N. | 213,044 | 26 | 6 | - | 4 | - | - | - | - | - | - | - | - | - | - | - | - | |
| Central Hackney *ww* - E. & N. | | 28 | 15 | 1 | - | - | 2 | - | 4 | 1 | - | 1 | - | - | - | - | 7 | |
| South-west Hackney *HHH* E. & N. | | 38 | 22 | 3 | 7 | - | 1 | - | - | - | - | - | - | - | 2 | 2 | 7 | |
| South-east Hackney *WwH* E.&N. | | 27 | 18 | 2 | 11 | - | - | - | 1 | 1 | - | - | - | - | - | 1 | 7 | |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein namely: *W*—Worknouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers are received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. The Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River; E. East London; and K. the Kent Company.

* See note † on first page of this Return

BLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday, 23rd April, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population. 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CENTRAL DISTRICTS. | | | | | | | | | | | | | | | | | | |
| George Bloomsbury - - N. | 16,110 | 4 | 2 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Giles South *WH* - - N. | 12,976 | 14 | 5 | 1 | 1 | – | 1 | – | – | – | – | – | – | 1 | – | – | – | – |
| Giles North *H* - - - N. | 9,151 | 6 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Martin-in-the-Fields *HH* N. & C. | 13,077 | 1 | 4 | – | – | – | – | – | – | – | – | – | – | – | 1 | 1 | 4 | – |
| and *WHH* - - - - N. | 11,839 | 6 | 10 | 1 | 2 | – | – | – | – | – | – | – | – | – | 1 | 1 | 6 | – |
| *and Union Workhouse, Edmonton* | †*1,037* | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| lborn *wHHHHHHH* - N. | 31,042 | 28 | 19 | 2 | 3 | – | 4 | – | 1 | – | – | – | – | – | – | – | 9 | – |
| James Clerkenwell - - N. | 15,777 | 9 | 4 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| well Clerkenwell - - N. | 34,356 | 18 | 10 | 1 | 2 | – | – | – | 1 | 1 | – | – | – | – | – | 2 | – | – |
| swell-street - - - - N. | 16,069 | 18 | 4 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| y-road *HHHL* - - - N. | 29,897 | 38 | 14 | 7 | – | – | 2 | – | – | 1 | – | – | – | – | – | 1 | 4 | 1 |
| itecross-street - - - N. | 7,595 | 4 | 3 | – | – | – | – | – | – | 1 | – | – | – | – | – | 1 | – | – |
| nsbury - - - - - N. | 4,035 | 1 | 3 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| *lborn Union Workhouse, Mitcham* - - - - | †*892* | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Botolph *H* - - N. & E. | 6,870 | 4 | 2 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| pplegate - - - - N. | 3,299 | 1 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Sepulchre *WH* - - - N. | 9,591 | 2 | 13 | – | – | – | 1 | – | 1 | – | – | – | – | – | 2 | 2 | 12 | – |
| hallows Barking - - - N. | 9,059 | 1 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| oad Street *H* - - - N. | 2,892 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| *y of London Asylum, Stone* - - | †*388* | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| EAST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| oreditch South *Hl* - E. & N. | 17,975 | 11 | 7 | – | 2 | – | – | – | – | 1 | – | – | – | – | – | – | 1 | – |
| xton New Town *w* - - N. | 29,575 | 19 | 14 | 3 | 5 | – | – | – | – | 1 | – | – | – | – | – | 1 | 8 | – |
| xton Old Town - - - N. | 27,645 | 17 | 4 | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| ggerston *WH* - - N. & E. | 47,163 | 38 | 32 | 8 | 7 | – | 2 | – | – | – | – | – | – | – | 1 | 2 | 14 | – |
| thnal Green North *H* - E. | 49,301 | 25 | 13 | 4 | 2 | – | – | – | – | 2 | – | – | – | – | – | – | 1 | – |
| thnal Green South - - E. | 34,194 | 34 | 13 | 4 | 1 | – | 5 | – | – | 3 | – | – | – | – | – | 2 | – | – |
| thnal Green East *WHl* - E. | 45,667 | 28 | 23 | 6 | 7 | – | 1 | – | – | – | – | – | – | – | – | – | 12 | – |
| talfields - - - E. & N. | 26,681 | 16 | 3 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| le End New Town *W* - E. | 12,816 | 21 | 5 | – | – | – | – | – | – | – | – | – | – | – | – | 1 | 5 | – |
| itechapel Church *H* - E. & N. | 25,561 | 26 | 28 | 3 | 3 | – | – | – | 1 | 1 | – | – | – | – | 2 | 5 | 23 | – |
| odman's Fields - - - E. | 13,618 | 11 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| George's North - - - E. | 39,576 | 43 | 8 | 3 | – | – | – | – | – | 1 | – | – | – | – | 2 | 4 | – | – |
| John, St. George East *W* E. | 7,930 | 6 | 4 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 3 | – |
| ndwell *H* - - - E. & N. | 10,434 | 6 | 12 | 6 | – | – | 1 | – | – | 1 | – | – | – | 1 | – | – | 11 | – |
| tcliff *W* - - - - E. | 14,954 | 8 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| nehouse - - - - E. | 32,917 | 16 | 10 | 3 | 2 | – | – | – | – | 1 | – | – | – | – | 1 | 3 | – | – |
| e End Old Town West *H* E. | 111,060 | 57 | 16 | 8 | 3 | – | – | – | – | – | – | – | – | 1 | – | – | – | – |
| e End Old Town East *WWww* - E. | | 35 | 16 | 4 | 5 | – | 4 | – | – | – | – | – | – | – | – | – | 5 | – |
| w *l* - - - - E. | 41,687 | 27 | 9 | 2 | 3 | – | 1 | – | – | – | – | – | – | – | – | 1 | 1 | – |
| mley *wwwH* - - - E. | 69,821 | 48 | 31 | 4 | 7 | – | 4 | – | – | – | – | – | – | – | 3 | 5 | 16 | – |
| olar *WW* - - - - E. | 57,759 | 40 | 20 | 3 | 6 | – | 1 | – | – | – | – | – | – | – | – | 4 | 2 | – |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLE SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in eac SUB-DISTRICT during the Week ending Saturday, 23rd April, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Continued Simple Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WHL*.&S. | 13,064 | 9 | 3 | 1 | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | |
| St. Saviour Southwark - - S. | 12,301 | 12 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Kent-road - - - - S. & L. | 22,879 | 22 | 10 | 6 | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | |
| Borough-road *WH* - S. & L. | 16,083 | 21 | 4 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | 3 | |
| London-road *HL* - - L. & S. | 21,316 | 25 | 6 | 3 | 2 | – | – | – | – | – | – | – | – | – | – | 2 | 1 | |
| Trinity Newington - - S. & L. | 28,723 | 24 | 6 | 3 | 1 | – | 1 | – | – | – | – | – | – | – | – | 1 | – | |
| St. Peter Walworth *W* - S. & L. | 62,045 | 56 | 9 | 6 | 1 | – | – | – | – | – | – | – | – | – | 2 | 2 | – | |
| St. Mary Newington- - L. & S. | 30,171 | 28 | 12 | 6 | – | – | 1 | – | – | 1 | – | – | – | 1 | – | 1 | – | |
| St. Olave *WH*- - - - S. | 11,731 | 2 | 22 | 2 | 3 | – | – | – | – | – | – | – | – | – | 3 | 4 | 15 | |
| Leather Market *W* - S. & L. | 32,339 | 34 | 6 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | 1 | – | |
| St. James Bermondsey - - S. | 53,136 | 37 | 10 | 2 | 1 | – | – | 1 | – | – | – | – | – | – | 1 | 2 | – | |
| Rotherhithe *WwH* - S. & K. | 40,379 | 38 | 25 | 5 | 7 | – | 1 | – | – | – | – | – | – | – | 1 | 1 | 10 | |
| Waterloo-road *HH* - L. & S. | 28,396 | 25 | 15 | 7 | 1 | – | 3 | – | – | – | – | – | – | – | 1 | 1 | 2 | |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 13 | 18 | 5 | 1 | – | – | – | 2 | – | – | 1 | 1 | 2 | 2 | 2 | 11 | |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 32 | 13 | 3 | 4 | – | – | – | – | – | – | – | – | – | – | – | 9 | |
| Kennington 1st *H* - - S. & L. | 52,486 | 22 | 14 | 3 | 1 | – | 3 | – | – | 1 | – | – | – | – | – | – | – | |
| Kennington 2nd - - S. & L. | 43,244 | 24 | 10 | 3 | 2 | – | – | – | – | – | – | – | – | – | – | 1 | – | |
| Brixton *w* - - - L. & S. | 81,825 | 46 | 18 | 2 | 7 | – | 1 | – | 1 | – | – | – | – | – | – | – | 1 | |
| Norwood *WH*- - - - L. | 29,318 | 14 | 6 | 1 | 5 | – | – | – | – | 1 | – | – | – | – | – | – | – | |
| East Battersea - - - - S. | 71,730 | 51 | 16 | 4 | 2 | – | 1 | – | – | 1 | – | – | – | – | 1 | 1 | – | |
| West Battersea *WwH* - - S | 93,385 | 59 | 22 | 6 | 6 | – | 2 | – | – | – | – | – | – | – | – | 2 | 7 | |
| Clapham *H* - - - - S. | 46,953 | 21 | 15 | 5 | 3 | – | 1 | – | 2 | – | – | – | – | – | – | 1 | 1 | |
| Wandsworth *WHHL* - - S. | 58,101 | 38 | 14 | 3 | 4 | – | – | – | 1 | – | – | – | – | – | 2 | 2 | 1 | |
| Putney - - - - - S. | 20,566 | 7 | 4 | 1 | 1 | – | 2 | – | – | – | – | – | – | – | 1 | 1 | – | |
| Streatham *Wwww* - - - L. | 61,644 | 32 | 28 | 6 | 4 | – | 5 | 2 | 3 | – | – | – | – | – | 1 | 1 | 6 | |
| Dulwich - - - - L. & S. | 7,519 | 3 | 2 | 1 | – | – | – | – | – | 1 | – | – | – | – | – | – | – | |
| Camberwell *Wwll* - S. & L. | 90,286 | 47 | 31 | 6 | 9 | – | 1 | – | – | 2 | – | – | – | – | 1 | 3 | 17 | |
| Peckham *WW* - S., L., & K. | 88,242 | 59 | 26 | 9 | 5 | – | 3 | – | – | 5 | – | – | – | – | 1 | 2 | – | |
| St. George Camberwell - L. & S. | 67,029 | 41 | 20 | 7 | 3 | – | 3 | – | 1 | 1 | – | – | – | – | – | 1 | – | |
| Deptford North - - - K. | 36,152 | 22 | 4 | 1 | – | – | 1 | – | – | – | – | – | – | – | – | 1 | – | |
| Deptford Central *w* - - K. | 45,441 | 32 | 23 | 6 | 2 | – | 2 | 2 | – | – | – | 1 | – | – | – | 2 | 3 | |
| Deptford South - - - K. | 33,402 | 21 | 11 | 1 | 3 | – | 1 | – | – | 1 | – | – | – | – | – | – | – | |
| Greenwich West *H* - - K. | 23,012 | 22 | 10 | 4 | 1 | – | 1 | – | – | 1 | – | – | – | 1 | – | – | 1 | |
| Greenwich East *WH* - - K. | 37 767 | 23 | 19 | 2 | 8 | – | 1 | – | – | 1 | – | 1 | – | – | – | – | 11 | |
| Eltham *wH* - - - - K. | 5,911 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Lee *H* - - - - - K. | 24,222 | 17 | 12 | 4 | 5 | – | – | – | – | – | – | – | – | – | – | – | – | |
| Lewisham *WwH* - - - K. | 38,139 | 27 | 17 | 3 | 5 | – | – | – | 1 | – | – | – | – | 1 | 1 | 1 | 4 | |
| Sydenham *H* - - - - L. | 37,601 | 15 | 9 | 1 | – | – | 3 | – | – | – | – | – | – | – | – | 1 | 2 | |
| Charlton *wHH* - - K. | 15,928 | 10 | 10 | 1 | 1 | – | 1 | 2 | 2 | – | – | – | – | – | 1 | 1 | 7 | |
| Woolwich Dockyard - - K. | 19,355 | 9 | 6 | 2 | – | – | – | – | – | 1 | – | – | – | – | 1 | 1 | – | |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 19 | 7 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | 1 | 1 | |
| Plumstead West *H* - - K. | 16,714 | 8 | 5 | 2 | – | – | 2 | – | – | – | – | – | – | – | – | – | – | |
| Plumstead East *WH* - - K. | 42,538 | 37 | 20 | 7 | 4 | – | 2 | – | – | – | – | – | – | – | 1 | 2 | 7 | |
| Banstead Asylum - - - - | — | – | 5 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 5 | |
| Caterham Asylum - - - - | — | – | 5 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 5 | |
| Cane Hill Asylum - - - - | — | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | 2 | |
| Hospital Ships and Camp, Dartford | — | – | – | – | – | – | † | – | – | – | – | – | – | – | – | – | – | |
| Darenth Asylum - - - - | — | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | 2 | |
| Hanwell Asylum - - - - | — | – | 4 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 4 | |
| Colney Hatch Asylum - - - | — | – | 9 | – | 3 | – | – | – | – | – | – | – | – | – | – | – | 9 | |
| N.E. Hospital - - - - - | — | – | 2 | – | – | – | – | 1 | – | – | – | – | – | – | – | – | 2 | |
| Winchmore Hill Hospital - - | — | – | 1 | – | – | – | – | – | 1 | – | – | – | – | – | – | – | 1 | |
| Leavesden Asylum - - - - | — | – | 4 | – | 3 | – | – | – | – | – | – | – | – | – | – | – | 4 | |
| Claybury Asylum - - - - | — | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | 2 | |

LE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 23rd April, 1898.

| gis-tion rict d b-rict m-ra. | REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years & upwds. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LONDON—OUTER RING - | 368,749 | 1,422,063 | 1,143 | 430 | 95 | 114 | – | 22 | 2 | 16 | 10 | 5 | 2 | 15 | 26 | 58 | 3 |
| :1 | Carshalton *wHH* - - | 12,228 | 26,108 | 12 | 7 | 1 | 5 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Epsom, *part of** *WwHH* - | 10,423 | 12,508 | 7 | 8 | – | 7 | – | – | – | – | – | – | – | 1 | 1 | 5 | – |
| :1 | Godstone, *part of** *W* - | 2,754 | 1,598 | 2 | 2 | – | 2 | – | – | – | – | – | – | – | – | – | – | – |
| :1 | Croydon *WwHHH* - - | 20,851 | 128,699 | 84 | 29 | 3 | 10 | – | 1 | 1 | – | – | 1 | – | – | 2 | 5 | – |
| 2 | Mitcham *w* - - - | 11,697 | 23,088 | 11 | 6 | – | 2 | – | – | – | – | – | – | – | – | – | – | – |
| :1 | Wimbledon *HHH* - - | 3,220 | 25,761 | 13 | 4 | 1 | 2 | – | – | – | – | – | – | – | 1 | 1 | – | – |
| 2 | Kingston *W* - - - | 8,071 | 33,566 | 22 | 14 | 2 | 6 | – | – | – | – | – | – | – | – | – | 3 | – |
| 3 | Surbiton *H*- - - - | | 11,199 | 6 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| 4 | Esher, *part of** *HH* - - | 6,601 | 12,059 | 11 | 4 | 2 | 1 | – | – | – | – | – | – | – | 1 | 1 | 1 | – |
| 5 | Hampton *HL* - - - | 4,565 | 18,252 | 7 | 5 | – | 2 | – | 1 | – | – | – | – | – | – | – | – | 1 |
| :1 | Richmond *WH*- - - | 2,160 | 25,389 | 6 | 7 | – | 4 | – | – | – | 1 | – | – | – | – | – | 3 | – |
| 2 | Mortlake *H* - - - | 2,823 | 16,159 | 3 | 5 | – | 2 | – | – | – | – | – | – | – | – | – | – | – |
| :1 | Bromley *HHH* - - - | 9,127 | 23,815 | 13 | 8 | 3 | – | – | – | – | 1 | 1 | – | – | – | – | 3 | – |
| 2 | Beckenham *H* - - - | 6,542 | 21,969 | 7 | 4 | – | 1 | – | – | – | – | – | – | – | – | – | 1 | – |
| 3 | Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 13 | 4 | 2 | 1 | – | – | – | – | – | – | – | – | – | 3 | 1 |
| :1 | Bexley *HHH* - - - | 12,540 | 30,590 | 31 | 8 | – | 2 | – | – | – | 3 | – | 1 | – | – | – | – | – |
| 2 | Dartford *WH*, *part of** - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| :1 | Sunbury *w* - - - | 11,054 | 13,671 | 7 | 3 | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – |
| 2 | Staines *WH* - - - | 13,277 | 13,221 | 12 | 8 | – | 4 | – | – | – | 1 | – | – | – | – | – | 3 | – |
| :1 | Hillingdon *WHH* - - | 6,035 | 12,237 | 3 | 4 | 1 | 2 | – | – | – | – | – | – | – | – | – | 2 | – |
| 2 | Uxbridge - - - - | 12,757 | 7,253 | 7 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Hayes *wH*- - - - | 7,952 | 11,051 | 10 | 3 | – | 1 | – | – | – | – | – | 1 | – | 1 | 1 | – | – |
| :1 | Isleworth *WHH* - - | 6,967 | 26,004 | 16 | 9 | 3 | 3 | – | 3 | – | – | – | – | – | 1 | 1 | – | – |
| 2 | Twickenham *HH* - - | 2,415 | 16,027 | 13 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Brentford *HHHH* - - | 4,318 | 37,777 | 30 | 12 | – | 3 | – | – | – | – | 2 | – | – | – | – | – | – |
| 4 | Chiswick - - - - | 1,245 | 21,963 | 16 | 12 | 1 | 4 | – | 2 | – | – | – | – | 1 | 1 | 1 | – | – |
| 5 | Acton *wH* - - - - | 6,132 | 30,945 | 39 | 18 | 7 | 5 | – | 1 | – | – | – | – | – | – | – | – | 1 |
| 1 | Harrow *HHH* - - - | 13,809 | 15,715 | 9 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Edgware *HH* - - - | 6,994 | 3,844 | 1 | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| 3 | Willesden *HHH* - - | 4,383 | 61,265 | 73 | 19 | 10 | 1 | – | 1 | – | 3 | – | – | 1 | 1 | 1 | 2 | – |
| 4 | Hendon *WH* - - - | 8,382 | 15,843 | 13 | 5 | – | 3 | – | – | – | – | – | – | – | – | – | 3 | – |
| 1 | South Mimms *HH* - - | 21,077 | 6,367 | 4 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Barnet *WHH* - - - | | 14,152 | 10 | 2 | – | 2 | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Finchley *HHH*- - - | 4,688 | 25,820 | 23 | 6 | 4 | 2 | – | – | – | – | – | – | – | – | 1 | – | – |
| 1 | Hornsey *HH* - - - | 3,039 | 61,097 | 31 | 13 | 1 | 3 | – | – | – | – | – | – | – | – | 1 | – | – |
| 2 | Tottenham *HH*- - - | 4,642 | 97,174 | 91 | 30 | 8 | 5 | – | 6 | – | – | – | – | – | 1 | 4 | 4 | – |
| 3 | Edmonton *Www* - - | 7,489 | 36,351 | 31 | 9 | 1 | 1 | – | – | – | 1 | 1 | – | – | – | – | 2 | – |
| 4 | Enfield *WWHH* - - | 12,602 | 31,536 | 27 | 11 | 2 | 4 | – | – | – | 3 | – | – | – | – | – | 2 | – |
| 5 | Waltham Abbey - - - | 11,017 | 6,066 | 6 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 6 | Cheshunt *H* - - - | 8,480 | 9,620 | 11 | 2 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Hatfield, *part of** *W*- - | 3,306 | 582 | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Bushey *H* - - - - | 9,331 | 7,737 | 12 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Watford *WH*, *part of** - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Stratford *H* - - - | 4,706 | 38,612 | 36 | 19 | 8 | 1 | – | 1 | – | – | 1 | – | – | – | 1 | 1 | – |
| 2 | Plaistow *WHH*- - - | | 58,030 | 49 | 26 | 6 | 6 | – | – | 1 | 2 | – | 1 | – | 1 | 1 | 4 | – |
| 3 | Canning Town *H* - - | | 54,750 | 57 | 19 | 4 | 3 | – | – | – | – | – | 1 | – | 3 | 4 | – | – |
| 4 | Forest Gate *w* - - - | | 53,511 | 27 | 10 | 1 | 1 | – | – | – | – | 1 | – | – | – | – | 1 | – |
| 5 | East Ham *wH*- - - | 3,266 | 32,713 | 66 | 19 | 7 | – | – | 1 | – | 1 | 2 | – | – | – | – | – | – |
| 6 | Leyton *WWWwH* - - | 4,334 | 70,188 | 63 | 21 | 7 | 3 | – | 2 | – | – | – | – | – | – | 1 | 7 | – |
| 7 | Walthamstow *HHL*- - | 6,501 | 57,330 | 60 | 13 | 6 | 2 | – | 1 | – | – | 2 | – | – | 1 | 2 | 1 | – |
| 1 | Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 9 | 3 | – | 1 | – | 1 | – | – | – | – | – | – | – | 1 | – |
| 2 | Epping *WH*, *part of** - - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Romford, *part of** *WH* - | 6,556 | 4,324 | 8 | 2 | 1 | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| 2 | Ilford - - - - - | 8,493 | 10,913 | 15 | 4 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Barking Town, *H* - - | 3,814 | 14,301 | 19 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| | Middlesex Co. Lunatic Asy. Wandsworth. | — | — | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | 1 | – |

The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring as follows:—30 : 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37 : 1, the parishes of Warlingham Farley in Godstone sub-district; 39 : 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41 : 3, Chislehurst district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135 : 1, the parish of Northaw in field sub-district; 187 : 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping 1,079); 189 : 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for tious Diseases belonging to the Outer Ring in 42 : 2, Dartford; 137 : 2, Watford; and 187 : 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 23rd April, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | ANNUAL RATE of MORTALITY per 1000 living. From All Causes. | From Diseases in Cols. 8-14. | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Deaths in Public |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. | 1 |
| GREATER LONDON | **443,421** | **6,408,321** | **16·1** | **2·4** | **1976** | **431** | **459** | **–** | **153** | **12** | **47** | **63** | **11** | **12** | **70** | **53** |
| INNER LONDON - | 74,672 | 4,504,766 | 17·9 | 2·8 | 1546 | 336 | 345 | – | 131 | 10 | 31 | 53 | 6 | 10 | 55 | 47 |
| OUTER RING - | 368,749 | 1,903,555 | 11·8 | 1·6 | 430 | 95 | 114 | – | 22 | 2 | 16 | 10 | 5 | 2 | 15 | 5 |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent to the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

| CITIES | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of Stillborn | DEATHS. Exclusive of Stillborn | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM PRINCIPAL ZYMOTIC DISEASES. Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœal Diseases. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 295,628 | April 23 | 156 | 112 | 19·8 | – | 4 | 1 | – | – | 1 | [illegible] |
| GLASGOW - - | 724,349 | „ 23 | 522 | 315 | 22·7 | – | 22 | 3 | 3 | 16 | 3 | [illegible] |
| DUBLIN - - | 349,594 | „ 23 | 204 | 156 | 23·3 | – | – | 5 | 1 | 2 | 2 | [illegible] |
| CALCUTTA - - | 466,460 | March 12 | – | 340 | 38·0 | 2 | 3 | – | – | – | 119 | 47 |
| BOMBAY - - | 821,764 | „ 29 | 128 | 1911 | 120·9 | 4 | 11 | ? | ? | ? | 1103‡ | 11 |
| MADRAS - - | 452,518 | „ 18 | 301 | 358 | 41·1 | 5 | 45 | ? | ? | ? | 126 | 4 |
| PARIS - - - | 2,511,629 | April 16 | 1352 | 1103 | 22·8 | – | 32 | 8 | 9* | 4 | 8 | 4 |
| BRUSSELS - - | 531,024 | „ 16 | – | – | – | – | – | – | – | – | – | – |
| AMSTERDAM - | 505,326 | „ 9 | 277 | 190 | 19·6 | – | 1 | – | 1 | – | 2 | – |
| ROTTERDAM - | 290,004 | „ 9 | 208 | 130 | 23·3 | – | 4 | – | 1 | 4 | 1 | – |
| THE HAGUE - | 191,529 | „ 9 | 116 | 70 | 18·9 | – | – | – | – | 1 | – | – |
| COPENHAGEN - | 340,500 | „ 16 | 259 | 154 | 23·6 | – | – | 1 | 1 | 5 | – | 4 |
| STOCKHOLM - | 274,611 | „ 9 | 120 | 101 | 19·1 | – | – | 1 | – | 1 | 1 | 5 |
| CHRISTIANIA - | 192,141 | „ 16 | 126 | 88 | 23·3 | – | 2 | 2 | – | 1 | – | 4 |
| ST. PETERSBURG | 954,400 | „ 9 | 715 | 632 | 34·5 | 3 | 12 | 9 | 14 | 1 | 25 | 68 |
| MOSCOW - - | 988,610 | „ 9 | – | 515 | 27·2 | 1 | 15 | 6 | 10 | 1 | 10 | 40 |
| BERLIN - - | 1,753,775 | „ 2 | 886 | 564 | 16·6 | – | 6 | 5 | 13 | 9 | 1 | 35 |
| HAMBURG - - | 661,015 | „ 16 | – | 234 | 18·4 | – | 2 | – | 2* | 4 | – | 6 |
| DRESDEN - - | 377,500 | March 19 | – | – | – | – | – | – | – | – | – | – |
| BRESLAU - - | 399,795 | April 16 | – | 229 | 30·4 | – | 5 | 1 | – | 3 | – | 18 |
| MUNICH - - | 430,000 | „ 16 | – | 238 | 28·7 | – | 3 | – | 2* | 1 | – | 29 |
| VIENNA - - | 1,574,129 | „ 16 | 1073 | 752 | 24·3 | – | 20 | 3 | 10* | 1 | – | 44 |
| PRAGUE - - | 377,109 | „ 16 | 206 | 181 | 24·6 | – | 4 | 1 | 1 | – | – | 7 |
| BUDA-PESTH - | 648,104 | „ 16 | – | – | – | – | – | – | – | – | – | – |
| TRIESTE - - | 164,491 | „ 16 | – | – | – | – | – | – | – | – | – | – |
| ROME - - - | 489,965 | March 19 | 241 | 173 | 18·4 | – | 6 | – | 1 | – | 1 | 7 |
| TURIN (10 days) | 344,203 | „ 10 | – | – | – | – | – | – | – | – | – | – |
| VENICE - - | 167,074 | April 9 | 75 | 65 | 20·3 | – | – | – | 1* | – | 1 | 2 |
| CAIRO - - | 570,062 | January 28 | – | – | – | – | – | – | – | – | – | – |
| ALEXANDRIA - | 319,766 | „ 28 | – | – | – | – | – | – | – | – | – | – |
| NEW YORK (including BROOKLYN) | 3,438,899 | April 2 | 1539 | 1276 | 19·4 | – | 21 | 30 | 50 | 13 | 9 | 15 |
| PHILADELPHIA - | 1,210,266 | „ 9 | – | 419 | 17·6 | – | 11 | 4 | 14 | 2 | 15 | 3 |

* Including deaths from croup.
† Including 15 deaths from cholera in Calcutta, 3 in Bombay, and 2 in Madras.
‡ Including 978 deaths from bubonic fever.

| 1898. Month and Day. | | Phases of the Moon. | Barometer. Mean daily reading (corrected and reduced to 32° Fahrenheit). | Temperature. Of the Air. Highest. | Temperature. Of the Air. Lowest. | Temperature. Of the Air. Daily Range. | Temperature. Of the Air. Mean daily value. | Temperature. Of the Air. Departure from Average of 50 years. | Temperature. Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Difference. Greatest. | Difference. Least. | Degree of Humidity (Saturation equals 100). | Temperature. Of Radiation. Highest in Sun's Rays. | Temperature. Of Radiation. Lowest on the Grass. | Temperature. Of the Earth 3 feet below the Surface. | Wind as deduced from Anemometers. Osler's. General Direction. A.M. | Osler's. General Direction. P.M. | Osler's. Pressure on the Square Foot. Greatest. | Osler's. Pressure on the Square Foot. Least. | Osler's. Pressure on the Square Foot. Mean of 24 hourly obs. | Robinson's. Horizontal Movement of the Air on each Day. | Robinson's. Departure from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| April | | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| Sunday | 17 | In Equator | 29·767 | 64·1 | 36·0 | 28·1 | 49·7 | + 2·0 | 37·7 | 12·0 | 21·2 | 1·7 | 63 | 120·2 | 30·3 | 47·00 | Calm & SSW. | S., SW. & SSE. | 1·3 | 0·0 | 0·0 | 136 | −156 | 0·00 | 1·2 |
| Monday | 18 | .. | 29·613 | 54·3 | 39·0 | 15·3 | 46·4 | − 1·7 | 39·2 | 7·2 | 14·0 | 2·4 | 76 | 110·9 | 32·1 | 46·76 | E. & ESE. | E. & ESE. | 2·6 | 0·0 | 0·2 | 242 | − 50 | 0·00 | 4·6 |
| Tuesday | 19 | .. | 29·766 | 54·6 | 39·8 | 14·8 | 46·3 | − 2·0 | 38·8 | 7·5 | 12·6 | 4·2 | 75 | 114·4 | 35·3 | 46·88 | E., ENE. & ESE. | E. & ESE. | 2·5 | 0·0 | 0·2 | 265 | − 23 | 0·00 | 2·2 |
| Wednesday | 20 | New | 29·891 | 59·9 | 41·3 | 18·6 | 48·9 | + 0·4 | 43·3 | 5·6 | 15·0 | 1·1 | 81 | 112·5 | 38·0 | 47·11 | ENE., NE. & E. | ESE. & E. | 0·5 | 0·0 | 0·0 | 157 | −136 | 0·00 | 0·0 |
| Thursday | 21 | .. | 30·029 | 57·1 | 37·8 | 19·3 | 46·9 | − 1·6 | 39·7 | 7·2 | 13·3 | 0·0 | 76 | 115·2 | 34·0 | 47·33 | ENE. & E. | E. & ENE. | 2·3 | 0·0 | 0·2 | 244 | − 48 | 0·00 | 0·0 |
| Friday | 22 | .. | 29·911 | 51·0 | 35·9 | 15·1 | 41·7 | − 6·8 | 33·4 | 8·3 | 13·2 | 3·6 | 72 | 105·0 | 31·5 | 47·59 | NE. & ENE. | ENE. & E. | 2·8 | 0·0 | 0·3 | 288 | − 2 | 0·00 | 0·0 |
| Saturday | 23 | .. | 29·925 | 56·3 | 33·1 | 23·2 | 44·6 | − 3·8 | 34·8 | 9·8 | 17·0 | 1·2 | 68 | 118·5 | 28·7 | 47·70 | NE., NNE. & ENE. | NE., E. & ESE. | 0·8 | 0·0 | 0·0 | 164 | −123 | 0·00 | 0·0 |
| Means | | | 29·843 | 56·8 | 37·6 | 19·2 | 46·4 | − 1·9 | 38·1 | 8·2 | 15·2 | 2·0 | 73 | 113·8 | 32·8 | 47·20 | ENE. | | .. | .. | .. | Sum 1496 | Sum −543 | Sum 0·00 | 1·1 |
| No. of Column | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| Date. April | | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | General Remarks. |
|---|---|---|---|---|---|
| Sunday | 17 | w. P. generally till 7h. P.M.; m. P. afterwards. | 8·0 | 13·9 | Very fine generally; large amounts of cloud between 3h. and 6h. P.M Hoar frost in morning. |
| Monday | 18 | w. P. till 6h. P.M.; m. P. afterwards. | 8·5 | 14·0 | Overcast till 8h. A.M.; partially cloudy till 10h. A.M. generally cloudless and very fine afterwards. |
| Tuesday | 19 | w. P. generally - | 6·0 | 14·0 | Generally cloudy till 1h. P.M.; very fine afterwards. |
| Wednesday | 20 | w. P. till 5h. P.M.; m. P. afterwards. | 2·3 | 14·1 | Overcast in morning; fine and partially cloudy till afternoon; overcast afterwards. Occasional slight showers during the evening. |
| Thursday | 21 | w. P. till 9h. P.M.; m. P. afterwards. | 8·0 | 14·2 | Overcast till 8h. A.M.; very fine afterwards. Cloudless at night. |
| Friday | 22 | m. P. generally - | 2·7 | 14·3 | Cloudless till 2h. A.M.; generally overcast till 1h. P.M.; fine afterwards. Cloudless after 8h. P.M. |
| Saturday | 23 | m. P. generally till 8h. P.M.; s. P. afterwards. | 10·9 | 14·3 | Cloudless with hoar frost in morning; very fine with small amounts of cloud till 6h. P.M.; cloudless afterwards. |
| | | | Sum 46·4 | Sum 98·8 | |
| No. of Col. | | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased from 29·87 in. at the beginning of the week to 29·58 in. by 3h. P.M. on the 18th; increased to 30·04 in. by 10h. A.M. on the 21st; decreased to 29·86 in. by 5h. P.M. on the 22nd; and increased to 29·98 in. by the end of the week.

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1898.

OFFICIAL COPY.

# WEEKLY RETURN

OF

# BIRTHS AND DEATHS IN LONDON

AND IN

# THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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No. 17. 1898. VOL. LIX.] WEEK ENDING SATURDAY, APRIL 30. [Price 1½*d*.

*General Register Office, Somerset House,*
*May 2nd*, 1898.

## THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 18·4 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS. | Weeks ending April 9. | April 16. | April 23. | April 30. | TOWNS. | Weeks ending April 9. | April 16. | April 23. | April 30. |
|---|---|---|---|---|---|---|---|---|---|
| 33 Great Towns | 20·2 | 19·5 | 18·1 | 18·4 | Leicester - - | 21·0 | 24·2 | 18·5 | 18·2 |
| Birkenhead - | 17·0 | 16·1 | 17·0 | 15·2 | Liverpool - - | 27·7 | 27·5 | 22·7 | 30·0 |
| Birmingham - | 22·9 | 18·1 | 18·9 | 17·4 | London - - - | 19·6 | 19·1 | 17·9 | 17·2 |
| Blackburn - | 17·2 | 18·8 | 19·6 | 20·4 | Manchester - - | 18·7 | 22·0 | 20·2 | 18·1 |
| Bolton - - | 20·4 | 14·0 | 14·9 | 20·9 | Newcastle-on-Tyne | 22·9 | 26·0 | 23·8 | 22·4 |
| Bradford - | 21·9 | 21·4 | 20·5 | 20·3 | Norwich - - | 15·9 | 20·5 | 20·1 | 19·6 |
| Brighton - | 17·5 | 15·8 | 13·6 | 14·9 | Nottingham - - | 19·9 | 16·1 | 17·9 | 13·9 |
| Bristol - | 19·7 | 17·6 | 16·6 | 16·9 | Oldham - - | 14·1 | 24·6 | 14·4 | 20·7 |
| Burnley - | 20·5 | 17·1 | 15·7 | 16·2 | Plymouth - - | 23·7 | 19·5 | 15·3 | 18·4 |
| Cardiff - - | 15·3 | 16·7 | 14·4 | 10·3 | Portsmouth - - | 12·6 | 12·6 | 10·9 | 14·0 |
| Croydon - | 18·0 | 17·2 | 8·4 | 14·7 | Preston - - | 21·1 | 12·5 | 16·6 | 20·2 |
| Derby - - | 23·4 | 18·4 | 16·4 | 20·4 | Salford - - - | 25·6 | 22·0 | 21·0 | 17·4 |
| Gateshead - | 16·1 | 25·6 | 18·6 | 26·6 | Sheffield - - | 23·0 | 16·5 | 19·5 | 21·1 |
| Halifax - | 18·9 | 23·2 | 17·8 | 23·7 | Sunderland - - | 19·9 | 18·5 | 24·6 | 26·8 |
| Huddersfield - | 20·4 | 16·3 | 16·8 | 17·3 | Swansea - - | 16·4 | 14·8 | 13·8 | 14·8 |
| Hull - - | 20·9 | 19·3 | 15·7 | 18·6 | West Ham - - | 14·7 | 13·6 | 14·7 | 15·5 |
| Leeds - - | 23·5 | 22·0 | 20·5 | 18·6 | Wolverhampton - | 19·5 | 21·9 | 17·2 | 13·0 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·0 in Derby, 1·1 in Sunderland, 1·2 in London, 1·4 in Oldham, 1·5 in Bristol, 2·2 in Halifax, and 2·5 in Leicester; from *whooping-cough*, 1·0 in Derby, 1·1 in Sunderland, 1·4 in Liverpool and in Newcastle-on-Tyne, 1·5 in Gateshead, and 1·7 in Bolton; and from "*fever*," 1·1 in Sunderland, and 1·2 in Wolverhampton. In no case did the death-rate from *scarlet fever* or from *diarrhœa* reach 1·0 per 1000 in any of the thirty-three towns. The 66 deaths from *diphtheria* included 39 in London, and 6 in Birmingham. No death from *small-pox* was registered in any of the thirty-three towns.

In the registration district of Middlesbrough 4 deaths from small-pox were registered last week, making a total of 197 deaths from this disease since the beginning of the year.

## LONDON.

In LONDON† 2522 BIRTHS and 1485 DEATHS were registered. Allowing for increase of population, the births were 215, and the deaths 177, below the average numbers in the corresponding weeks of the last ten

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

years. The annual death-rate per 1000 from all causes, which had been 19·6, 19·1, and 17·9 in the preceding three weeks, further fell last week to 17·2. During the four weeks ending on Saturday last the death-rate averaged 18·5 per 1000, being 1·0 per 1000 below the mean rate in the corresponding periods of the ten years 1888–97.

The 1485 deaths included 107 from measles, 13 from scarlet fever, 39 from diphtheria, 70 from whooping-cough, 7 from enteric fever, 10 from diarrhœa and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 246 deaths were referred to these diseases, being 24 above the corrected average weekly number.

The deaths from *measles*, which had been 108, 117, and 131 in the preceding three weeks, fell again last week to 107, but were 31 above the corrected average; 12 cases belonged to St. Marylebone, 12 to Islington, 9 to Hammersmith, 9 to Bethnal Green, and 6 to Paddington sanitary areas. The deaths from *scarlet fever*, which had been 19, 12, and 10 in the preceding three weeks, rose again last week to 13, but were 4 below the corrected average; 2 cases belonged to Kensington and 2 to Poplar sanitary areas. The deaths from *diphtheria*, which had been 29, 34, and 31 in the preceding three weeks, rose again last week to 39, and were 4 above the corrected average; 4 cases belonged to Chelsea, 4 to St. Pancras, 4 to Islington, 4 to Bethnal Green, 3 to Hackney, 3 to Poplar, and 3 to Lambeth sanitary areas. The deaths from *whooping-cough*, which had been 64, 59, and 53 in the preceding three weeks, rose again last week to 70, but were 4 below the corrected average. The fatal cases of *enteric fever*, which had been 9, 7, and 5 in the preceding three weeks, rose again last week to 7, and were equal to the corrected average; 2 cases belonged to Bethnal Green and 2 to Lambeth sanitary areas. The deaths from *diarrhœa*, which had been 15, 12, and 10 in the preceding three weeks, were again 10 last week, the corrected average being 12. The deaths referred to diseases of the respiratory organs, which had been 372, 305, and 283 in the preceding three weeks, further fell last week to 274, and were 83 below the corrected average. The deaths attributed directly to *influenza* numbered 19, having been 33, 32, and 23 in the preceding three weeks.

Different forms of violence caused 61 deaths, concerning all of which inquests were held. Of these 61 deaths, 11 were cases of suicide and 1 of homicide, while the remaining 49 were attributed to accident or negligence. Five of these were referred to vehicles in the streets, 1 to a conflagration, 7 others to burns and scalds, 1 to the effects of chloroform administered for surgical purposes, and 10 (of infants under one year of age) to suffocation in bed.

## Cases of Infectious Sickness in Hospitals.*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2302 cases of scarlet fever, 930 of diphtheria, 3 of typhus, and 59 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 205 cases, against 234, 217, and 241; of diphtheria, 110 cases, against 121, 109, and 105; and of enteric fever, 10 cases, against 11, 13, and 14.

## Greater London.

In Greater London 3482 births and 1951 deaths were registered, corresponding to annual rates of 28·3 and 15·9 per 1000 of the estimated population. In the Outer Ring 27 deaths from measles, 14 from diphtheria, 17 from whooping-cough, and 5 from diarrhœa were registered. Six deaths from measles occurred in Hendon district, 6 from diphtheria in Bexley sub-district, and 4 deaths from diphtheria and 7 from whooping-cough in West Ham district.

## Meteorology.

The mean reading of the Barometer last week at Greenwich was 29·60 inches, and that of the Thermometer 48°·3, the latter being 0°·3 below the week's average in the 50 years 1841–90. The direction of the wind was variable, the horizontal movement of the air being 13 per cent. below the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 23·9 hours; the measured rainfall amounted to 0·49 of an inch.

* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Registered during the Week ending 30th April 1898. Births. | Registered during the Week ending 30th April 1898. Deaths. | Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Deaths from Measles. | Deaths from Scarlet Fever. | Deaths from Diphtheria. | Deaths from Whooping-cough. | Deaths from Fever. | Deaths from Diarrhœa. | Deaths from Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Annual Rate per 1000, corresponding to the Week's Deaths. From All Causes. | Annual Rate per 1000, corresponding to the Week's Deaths. From Diseases in Cols. 6–12. | Temperature of the Air. Highest. (Fahrenheit.) | Temperature of the Air. Lowest. (Fahrenheit.) | Temperature of the Air. Mean. Fahrenheit. | Temperature of the Air. Mean. Centigrade. | Rainfall. In Inches. | Rainfall. In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| **33 Towns** - | **11,218,378** | **6462** | **3965** | **922** | **932** | **-** | **177** | **28** | **66** | **140** | **29** | **27** | **142** | **294** | **324** | **54** | **18·4** | **2·2** | **62·0** | **29·7** | **46·8** | **8·22** | **0·68** | **1·73** | **33 Towns.** |
| London - - | 4,504,766 | 2522 | 1485 | 346 | 330 | - | 107 | 13 | 39 | 70 | 7 | 10 | 61 | 141 | 447 | 7 | 17·2 | 2·8 | 60·9 | 29·7 | 48·3 | 9·06 | 0·49 | 1·24 | London. |
| West Ham - - | 286,654 | 150 | 85 | 30 | 13 | - | - | - | 1 | 3 | - | 1 | 3 | 4 | 6 | 3 | 15·5 | 0·9 | - | - | - | - | - | - | West Ham. |
| Croydon - - | 124,421 | 64 | 35 | 5 | 15 | - | - | - | - | - | - | 1 | 2 | 2 | 8 | - | 14·7 | 0·4 | 62·0 | 31·0 | 48·2 | 9·00 | 0·38 | 0·97 | Croydon. |
| Brighton - - | 122,310 | 63 | 35 | 11 | 7 | - | - | - | - | - | - | - | 2 | 4 | 3 | - | 14·9 | - | 61·0 | 38·4 | 48·4 | 9·11 | 0·49 | 1·24 | Brighton. |
| Portsmouth - | 186,618 | 89 | 50 | 6 | 13 | - | - | - | 1 | - | 1 | - | 2 | 3 | 10 | - | 14·0 | 0·6 | 60·5 | 35·0 | 47·6 | 8·67 | 0·94 | 2·39 | Portsmouth. |
| Plymouth - - | 99,136 | 62 | 35 | 6 | 16 | - | - | - | - | - | - | 1 | 1 | 4 | 8 | - | 18·4 | 0·5 | - | - | - | - | - | - | Plymouth. |
| Bristol - - | 316,900 | 164 | 103 | 16 | 41 | - | 9 | - | 1 | - | - | 2 | 3 | 6 | 12 | 1 | 16·9 | 2·0 | 58·0 | 33·0 | 46·0 | 7·78 | 0·71 | 1·80 | Bristol. |
| Cardiff - - | 177,770 | 101 | 35 | 2 | 11 | - | 1 | - | 1 | - | - | - | 1 | 2 | 6 | - | 10·3 | 0·6 | - | - | - | - | - | - | Cardiff. |
| Swansea - - | 102,001 | 63 | 29 | 10 | 13 | - | - | - | - | 1 | - | - | 2 | 5 | 1 | 1 | 14·8 | 0·5 | - | - | - | - | - | - | Swansea. |
| Wolverhampton | 88,051 | 50 | 22 | 8 | 4 | - | - | - | - | - | 2 | - | - | 1 | 3 | 1 | 13·0 | 1·2 | 60·4 | 31·2 | 46·2 | 7·89 | 0·59 | 1·50 | Wolverhampton. |
| Birmingham - | 510,343 | 330 | 170 | 46 | 34 | - | 2 | 1 | 6 | 8 | 2 | - | 6 | 11 | 19 | 4 | 17·4 | 1·9 | - | - | - | - | - | - | Birmingham. |
| Norwich - - | 111,699 | 66 | 42 | 6 | 13 | - | - | 2 | - | 1 | - | 2 | 2 | 3 | 6 | 1 | 19·6 | 2·3 | 62·1 | 32·8 | 46·8 | 8·22 | 0·44 | 1·12 | Norwich. |
| Leicester - - | 208,662 | 105 | 73 | 21 | 15 | - | 10 | 1 | 2 | 1 | 1 | - | 1 | 4 | 11 | 4 | 18·2 | 3·7 | - | - | - | - | - | - | Leicester. |
| Nottingham - | 236,137 | 117 | 63 | 16 | 15 | - | - | 1 | - | 2 | 1 | - | 2 | 4 | 10 | 1 | 13·9 | 0·9 | 59·6 | 36·5 | 46·2 | 7·89 | 0·64 | 1·63 | Nottingham. |
| Derby - - - | 104,834 | 63 | 41 | 8 | 10 | - | 2 | 1 | 1 | 2 | - | - | 2 | 4 | 3 | - | 20·4 | 3·0 | - | - | - | - | - | - | Derby. |
| Birkenhead - | 113,189 | 68 | 33 | 8 | 6 | - | 1 | - | 2 | - | - | - | 2 | 4 | 4 | - | 15·2 | 1·4 | - | - | - | - | - | - | Birkenhead. |
| Liverpool - - | 633,645 | 439 | 364 | 80 | 75 | - | 7 | - | 2 | 17 | 5 | 2 | 12 | 17 | 91 | 18 | 30·0 | 2·7 | 58·1 | 37·3 | 46·0 | 7·78 | 0·59 | 1·50 | Liverpool. |
| Bolton - - | 122,495 | 74 | 49 | 5 | 16 | - | 1 | - | - | 4 | - | 1 | 4 | 7 | 5 | - | 20·9 | 2·6 | - | - | - | - | - | - | Bolton. |
| Manchester - | 539,079 | 377 | 187 | 48 | 31 | - | 4 | 1 | 1 | 3 | 3 | 3 | 7 | 12 | 40 | - | 18·1 | 1·5 | - | - | - | - | - | - | Manchester. |
| Salford - - | 215,702 | 148 | 72 | 16 | 17 | - | 1 | 1 | 1 | 2 | - | 1 | 3 | 5 | 13 | 1 | 17·4 | 1·5 | - | - | - | - | - | - | Salford. |
| Oldham - - | 148,288 | 61 | 59 | 12 | 12 | - | 4 | - | - | - | - | 1 | 2 | 3 | 7 | - | 20·7 | 1·8 | - | - | - | - | - | - | Oldham. |
| Burnley - - | 109,546 | 67 | 34 | 11 | 8 | - | - | - | 2 | - | - | - | 2 | 3 | 2 | 1 | 16·2 | 1·0 | - | - | - | - | - | - | Burnley. |
| Blackburn - - | 133,228 | 74 | 52 | 13 | 19 | - | - | - | - | - | 1 | 1 | - | 2 | 7 | 3 | 20·4 | 0·8 | - | - | - | - | - | - | Blackburn. |
| Preston - - | 116,356 | 61 | 45 | 10 | 16 | - | - | - | - | 2 | - | 1 | - | - | 9 | - | 20·2 | 1·3 | - | - | - | - | - | - | Preston. |
| Huddersfield - | 102,454 | 53 | 34 | 5 | 14 | - | - | - | - | - | - | - | 1 | 1 | 4 | 1 | 17·3 | - | 56·8 | 34·2 | 44·0 | 6·67 | 1·10 | 2·79 | Huddersfield. |
| Halifax - - | 96,729 | 38 | 44 | 8 | 13 | - | 4 | 1 | - | 1 | - | - | 2 | 4 | 4 | 3 | 23·7 | 3·2 | - | - | - | - | - | - | Halifax. |
| Bradford - - | 233,737 | 87 | 91 | 28 | 18 | - | 4 | - | 1 | 1 | 1 | - | 2 | 5 | 9 | 1 | 20·3 | 1·6 | 58·8 | 30·6 | 47·6 | 8·67 | 1·08 | 2·74 | Bradford. |
| Leeds - - - | 416,618 | 238 | 149 | 31 | 31 | - | 7 | 1 | 2 | 1 | - | - | 1 | 4 | 20 | 1 | 18·6 | 1·4 | - | - | - | - | - | - | Leeds. |
| Sheffield - - | 356,478 | 192 | 144 | 34 | 37 | - | 6 | - | 1 | 6 | - | - | 3 | 6 | 22 | 1 | 21·1 | 1·9 | - | - | - | - | - | - | Sheffield. |
| Hull - - - | 229,887 | 142 | 82 | 19 | 20 | - | 2 | 1 | - | 3 | - | - | 3 | 8 | 9 | 1 | 18·6 | 1·4 | - | - | - | - | - | - | Hull. |
| Sunderland - | 143,849 | 119 | 74 | 20 | 16 | - | 3 | 2 | - | 3 | 3 | - | 4 | 7 | 12 | - | 26·8 | 4·0 | - | - | - | - | - | - | Sunderland. |
| Gateshead - - | 103,775 | 62 | 53 | 10 | 13 | - | - | - | 1 | 3 | 1 | - | 2 | 5 | 6 | - | 26·6 | 2·5 | - | - | - | - | - | - | Gateshead. |
| Newcastle - | 223,021 | 153 | 96 | 27 | 20 | - | 2 | 2 | 1 | 6 | 1 | - | 2 | 3 | 7 | - | 22·4 | 2·8 | - | - | - | - | - | - | Newcastle. |

* See note * on first page of this return.

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the SEVENTEENTH Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2577 | 2522 | 2538 | 2507 | 2614 | 2582 | 2485 | 2691 | 2743 | 2750 | 2736·9 | 2522 |
| Males - - | 1297 | 1279 | 1288 | 1310 | 1318 | 1318 | 1274 | 1380 | 1374 | 1379 | 1390·8 | 1260 |
| Females - | 1280 | 1243 | 1250 | 1197 | 1296 | 1264 | 1211 | 1311 | 1369 | 1371 | 1346·1 | 1262 |
| TOTAL **Deaths** - | 1437 | 1462 | 1567 | 2006 | 1619 | 1570 | 1543 | 1508 | 1641 | 1442 | 1662·1 | 1485 |
| Males - - | 750 | 777 | 826 | 1060 | 823 | 857 | 788 | 802 | 831 | 766 | 871·3 | 778 |
| Females - - | 687 | 685 | 741 | 946 | 796 | 713 | 755 | 706 | 810 | 676 | 790·8 | 707 |

* The numbers in this column are the average weekly numbers in the seventeenth week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | Feb. 5. | Feb. 12. | Feb. 19. | Feb. 26. | Mar. 5. | Mar. 12. | Mar 19. | Mar. 26. | Apr. 2. | Apr. 9. | Apr. 16. | Apr. 23. | Apr. 30. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** - - - | 2603 | 2843 | 2527 | 2644 | 2585 | 2736 | 2576 | 2218 | 2860 | 2415 | 2623 | 2769 | 2522 |
| TOTAL **Deaths** - - - | 1861 | 1922 | 1856 | 1889 | 1805 | 1854 | 1869 | 1731 | 1883 | 1691 | 1648 | 1546 | 1485 |
| Ages at Death: Under 1 year - - | 385 | 366 | 392 | 398 | 384 | 381 | 367 | 331 | 386 | 368 | 377 | 336 | 346 |
| 1—5 years - - | 298 | 318 | 318 | 324 | 302 | 340 | 311 | 358 | 338 | 295 | 285 | 283 | 265 |
| 5—20 " - - | 92 | 93 | 75 | 100 | 98 | 97 | 83 | 98 | 84 | 86 | 76 | 88 | 80 |
| 20—40 " - - | 204 | 230 | 221 | 226 | 218 | 202 | 206 | 202 | 198 | 195 | 186 | 194 | 181 |
| 40—60 " - - | 335 | 342 | 334 | 363 | 334 | 340 | 360 | 314 | 344 | 309 | 290 | 300 | 283 |
| 60—80 " - - | 438 | 467 | 423 | 391 | 379 | 383 | 425 | 344 | 424 | 364 | 362 | 272 | 274 |
| 80 years and upwards | 109 | 106 | 93 | 87 | 90 | 111 | 117 | 84 | 109 | 74 | 72 | 73 | 56 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox - - - - | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Measles - - - - - | 80 | 87 | 100 | 106 | 115 | 141 | 134 | 143 | 115 | 108 | 117 | 131 | 107 |
| Scarlet Fever - - - | 12 | 19 | 9 | 11 | 8 | 8 | 10 | 15 | 22 | 19 | 12 | 10 | 13 |
| Diphtheria - - - - | 42 | 45 | 33 | 46 | 38 | 33 | 36 | 53 | 45 | 29 | 34 | 31 | 39 |
| Whooping-cough - - - | 64 | 67 | 53 | 52 | 49 | 59 | 56 | 59 | 63 | 64 | 59 | 53 | 70 |
| Typhus - - - - - | – | – | – | – | – | – | – | 1 | 1 | – | – | – | – |
| Enteric Fever - - - | 8 | 6 | 8 | 9 | 11 | 7 | 10 | 1 | 7 | 9 | 7 | 5 | 7 |
| Simple Continued Fever - | 1 | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Diarrhœa and Dysentery .. | 17 | 12 | 8 | 8 | 11 | 9 | 11 | 9 | 9 | 15 | 12 | 10 | 10 |
| Cholera - - - - - | – | – | – | – | – | – | – | – | – | – | – | – | – |
| All the above Diseases - | 224 | 236 | 211 | 232 | 232 | 257 | 257 | 281 | 262 | 244 | 241 | 241 | 246 |
| Dis. of Respiratory System - | 471 | 468 | 438 | 416 | 425 | 429 | 430 | 402 | 451 | 372 | 305 | 283 | 274 |
| Phthisis - - - - - | 163 | 192 | 180 | 179 | 172 | 192 | 184 | 143 | 160 | 146 | 138 | 154 | 153 |
| Dis. of Circulatory System - | 126 | 164 | 141 | 161 | 153 | 141 | 136 | 137 | 147 | 140 | 141 | 129 | 131 |
| Violence - - - - | 78 | 61 | 77 | 74 | 53 | 68 | 59 | 84 | 53 | 78 | 76 | 55 | 61 |
| Inquest Cases - - - - | 153 | 159 | 169 | 174 | 142 | 176 | 157 | 160 | 141 | 137 | 158 | 123 | 141 |
| Deaths in Public Institutions - | 538 | 532 | 551 | 515 | 477 | 471 | 543 | 542 | 544 | 529 | 461 | 472 | 447 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean - - - - - | 44·0° | 43·0° | 42·7° | 37·6° | 38·9° | 37·7° | 45·7° | 37·5° | 40·7° | 49·3° | 49·3° | 46·4° | 48·3° |
| Mean of Highest readings - | 49·4 | 48·3 | 47·6 | 44·8 | 46·2 | 43·9 | 52·6 | 44·8 | 48·3 | 59·3 | 57·4 | 56·8 | 57·5 |
| Mean of Lowest readings - | 39·6 | 37·8 | 38·3 | 31·4 | 33·5 | 32·3 | 38·6 | 31·5 | 34·4 | 40·6 | 42·2 | 37·6 | 40·4 |
| Humidity of the Air - - | 79 | 81 | 80 | 76 | 81 | 76 | 78 | 84 | 79 | 67 | 72 | 73 | 81 |
| Rain-fall (in inches) - - | 0·28 | 0·20 | 0·35 | 0·21 | 0·59 | 0·01 | 0·25 | 0·56 | 0·15 | 0·13 | 0·31 | 0·00 | 0·49 |
| Registered Sunshine (in hours) | 10·2 | 7·0 | 9·4 | 25·8 | 15·1 | 18·0 | 13·3 | 16·5 | 28·9 | 47·8 | 25·8 | 46·4 | 23·9 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox - - - - - | – | – | – | – | 1 | 1 | 1 | 1 | – | – | – | – | – |
| Scarlet Fever - - - - | 2964 | 2871 | 2781 | 2674 | 2534 | 2445 | 2419 | 2371 | 2377 | 2421 | 2384 | 2334 | 2302 |
| Diphtheria - - - - | 1044 | 1042 | 1058 | 1061 | 1047 | 1027 | 1024 | 1022 | 1009 | 1004 | 962 | 953 | 930 |
| Enteric Fever - - - - | 96 | 93 | 87 | 84 | 82 | 84 | 79 | 72 | 64 | 62 | 61 | 67 | 59 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton: A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; Arthur Brown. Esq., M.Inst. C.E., and P. Boobbyer Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S. Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.

BLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the SEVENTEENTH Week of the Year 1898.

| USES OF DEATH. | Corrected Averages for the 17th Week of the 10 years 1888-97*. | In the Week ending Saturday, 30th April 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| USES - - - | 1662·1 | 1485 | 346 | 265 | 80 | 181 | 283 | 274 | 56 |
| - Vaccinated† - | 0·6 | - | - | - | - | - | - | - | - |
| - Unvaccinated | 0·4 | - | - | - | - | - | - | - | - |
| - No Statement | 0·3 | - | - | - | - | - | - | - | - |
| s - - - - | 75·9 | 107 | 25 | 77 | 5 | - | - | - | - |
| Fever - - - | 16·6 | 13 | - | 9 | 3 | 1 | - | - | - |
| s - - - - | - | - | - | - | - | - | - | - | - |
| ing Fever - - | - | - | - | - | - | - | - | - | - |
| za - - - - | 18·0 | 19 | 2 | 3 | 1 | 2 | 2 | 9 | - |
| ing-cough - - | 73·6 | 70 | 30 | 37 | 3 | - | - | - | - |
| eria - - | 34·8 | 39 | 8 | 25 | 6 | - | - | - | - |
| Continued and efined Fever - | 0·5 | - | - | - | - | - | - | - | - |
| e Fever - - - | 6·5 | 7 | - | - | 6 | - | 1 | - | - |
| and Chol. Diarr. | 0·1 | - | - | - | - | - | - | - | - |
| œa, Dysentery - | 12·2 | 10 | 7 | 2 | - | - | - | 1 | - |
| ent Fever - - | - | - | - | - | - | - | - | - | - |
| phobia - - - | - | - | - | - | - | - | - | - | - |
| rs - - - - | - | - | - | - | - | - | - | - | - |
| x and Effects of nation - - | 0·1 | - | - | - | - | - | - | - | - |
| al Affections- - | 8·3 | 10 | 6 | 1 | - | 1 | 2 | - | - |
| elas - - - | 3·7 | 4 | - | - | - | 1 | 1 | 1 | 1 |
| a and Septicæmia | 2·3 | 1 | - | - | - | 1 | - | - | - |
| ral Fever - - | 4·0 | 1 | - | - | - | 1 | - | - | - |
| Zymotic Diseases | 2·0 | - | - | - | - | - | - | - | - |
| - - - - | 0·9 | 1 | 1 | - | - | - | - | - | - |
| and other Para- l Diseases - | 0·3 | 1 | - | - | - | - | 1 | - | - |
| tion, Want of t-milk - - | 1·3 | - | - | - | - | - | - | - | - |
| lism - - - | 9·8 | 4 | - | - | - | 3 | 1 | - | - |
| atic Fever, matism of Heart | 6·6 | 4 | 1 | - | 2 | 1 | - | - | - |
| atism - - - | 3·8 | 1 | - | - | - | 1 | - | - | - |
| - - - - | 3·5 | 2 | - | - | - | - | - | 2 | - |
| s - - - - | 6·1 | 2 | 2 | - | - | - | - | - | - |
| - - - - | 68·9 | 67 | - | - | - | 6 | 38 | 18 | 5 |
| Mesenterica - - | 20·1 | 17 | 13 | 1 | 1 | - | 1 | 1 | - |
| ular Meningitis - | 24·5 | 15 | 3 | 9 | 3 | - | - | - | - |
| s - - - - | 165·7 | 153 | 4 | 4 | 11 | 65 | 59 | 10 | - |
| a, Tuberculosis - | 21·3 | 26 | 6 | 11 | 3 | 4 | 2 | - | - |
| Constitutional ses - - | 11·7 | 13 | 1 | - | 1 | 2 | 1 | 8 | - |
| ure Birth - - | 46·3 | 34 | 34 | - | - | - | - | - | - |
| asis - - - | 3·2 | 5 | 5 | - | - | - | - | - | - |
| ital Malforma- - - - | 6·9 | 4 | 3 | 1 | - | - | - | - | - |
| e - - - - | 46·4 | 37 | - | - | - | - | - | 17 | 20 |
| xy - - - | 45·0 | 41 | - | - | - | 3 | 21 | 16 | 1 |
| sy - - - - | 6·8 | 12 | - | - | 4 | 2 | 3 | 3 | - |
| sions - - - | 39·5 | 32 | 30 | 2 | - | - | - | - | - |
| Diseases of Brain Nervous System | 90·2 | 70 | 13 | 12 | 5 | 7 | 12 | 17 | 4 |
| rs of Organs of al Sense - | 4·6 | 6 | 2 | - | 1 | - | 2 | 1 | - |

| CAUSES OF DEATH | Corrected Averages for the 17th Week of the 10 years 1888-97*. | In the Week ending Saturday, 30th April 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 133·2 | 131 | 2 | 1 | 11 | 21 | 39 | 55 | 2 |
| Croup - - - - | 5·4 | 2 | - | 1 | 1 | - | - | - | - |
| Bronchitis - - - | 179·1 | 126 | 41 | 12 | 1 | 2 | 17 | 41 | 12 |
| Pneumonia - - - | 135·6 | 118 | 26 | 33 | 1 | 15 | 20 | 18 | 5 |
| Pleurisy - - - - | 9·5 | 6 | 1 | - | - | 3 | 1 | 1 | - |
| Other Diseases of Respiratory System - | 27·7 | 22 | 4 | 4 | - | 2 | 5 | 6 | 1 |
| Dentition- - - - | 10·9 | 7 | 6 | 1 | - | - | - | - | - |
| Quinsy, Sore Throat - | 1·4 | 1 | - | - | - | 1 | - | - | - |
| Enteritis - - - - | 10·0 | 20 | 9 | 4 | 3 | 3 | - | 1 | - |
| Peritonitis - - - | 6·4 | 6 | 1 | 1 | 1 | - | 2 | 1 | - |
| Diseases of Liver - - | 24·8 | 24 | 1 | 1 | - | 3 | 10 | 9 | - |
| Other Diseases of Digestive System | 32·7 | 31 | 10 | 2 | - | 1 | 8 | 9 | 1 |
| Diseases of Lymphatic System & of Ductless Glands - - - | 2·3 | 2 | - | - | - | 1 | 1 | - | - |
| Diseases of Urinary System - - - | 44·1 | 45 | 1 | - | - | 8 | 18 | 16 | 2 |
| Diseases of Generative System - - - | 5·5 | 5 | - | - | - | - | 2 | 3 | - |
| Accidents of Childbirth- | 5·8 | 3 | - | 1 | - | 2 | - | - | - |
| Diseases of Locomotive System - - - | 5·9 | 5 | 1 | 2 | - | - | - | 2 | - |
| Diseases of Integumentary System- - | 4·7 | 6 | 1 | - | - | 1 | 3 | 1 | - |
| VIOLENT DEATHS‡ (ACCIDENT.) | | | | | | | | | |
| By Railways - - - | 62·7 | 3 | - | - | - | 2 | - | 1 | - |
| By Vehicles or Horses - | | 5 | - | 1 | - | 2 | 1 | 1 | - |
| In Ships, Boats, Docks, (exclusive of Drowning) - - - | | - | - | - | - | - | - | - | - |
| In Building Operations - | | 3 | - | - | - | 1 | 2 | - | - |
| In Conflagrations - - | | 1 | - | - | - | - | - | 1 | - |
| By Burns, Scalds, Explosions - - | | 7 | - | 6 | 1 | - | - | - | - |
| By Drowning - - - | | 4 | - | - | 2 | 2 | - | - | - |
| By Suffocation in Bed - | | 10 | 10 | - | - | - | - | - | - |
| By Poisons or Poisonous Vapours - - | | 1 | - | - | 1 | - | - | - | - |
| Other or not stated causes - - - - | | 15 | 3 | - | 3 | 3 | 1 | 3 | 2 |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - | 2·4 | 1 | - | - | - | 1 | - | - | - |
| Suicide - - - - | 8·5 | 11 | - | - | - | 6 | 5 | - | - |
| Execution - - - | - | - | - | - | - | - | - | - | - |
| OTHER CAUSES - - | 50·2 | 36 | 33 | 1 | - | - | 1 | 1 | - |

e numbers in this column are the average weekly deaths for the ten years 1888-97, raised by 5·230 per cent. for increase ulation.

y those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered l men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the f death is not certified by a registered practitioner, the case is returned under the heading "no statement."

e evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of nt. murder manslaughter or suicide. All such cases are classed under "accident."

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEAS SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in SUB-DISTRICT during the Week ending Saturday, 30th April, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2522 | 1485 | 346 | 330 | - | 107 | 13 | 39 | 70 | - | 7 | - | 10 | 61 | 141 | 447 |
| WEST DISTRICTS - - - | 778,251 | 365 | 257 | 46 | 57 | - | 27 | 2 | 4 | 13 | - | 1 | - | - | 13 | 20 | 81 |
| NORTH DISTRICTS - - - | 1,040,694 | 545 | 343 | 74 | 75 | - | 27 | 1 | 15 | 14 | - | 2 | - | 1 | 13 | 34 | 98 |
| CENTRAL DISTRICTS - - - | 233,635 | 126 | 76 | 23 | 12 | - | 7 | 1 | 1 | 9 | - | 3 | - | 1 | 2 | 4 | 21 |
| EAST DISTRICTS - - - | 716,334 | 512 | 285 | 87 | 58 | - | 18 | 2 | 7 | 16 | - | - | - | 3 | 14 | 45 | 86 |
| SOUTH DISTRICTS - - - | 1,642,796 | 974 | 490 | 116 | 120 | - | 28 | 4 | 12 | 18 | - | 1 | - | 5 | 19 | 38 | 127 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | — | - | 34 | - | 8 | - | - | 3 | - | - | - | - | - | - | - | - | 34 |
| WEST DISTRICTS. | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 46 | 27 | 9 | 2 | - | 6 | - | - | 2 | - | 1 | - | - | 2 | 3 | 5 |
| St. John Paddington *H* - - G. | 33,510 | 5 | 12 | - | 3 | - | 1 | - | - | - | - | - | - | - | 2 | 3 | 7 |
| Kensington Town *Ww* - - W. | 122,164 | 56 | 53 | 6 | 17 | - | 5 | - | - | 2 | - | - | - | - | 1 | 4 | 21 |
| Brompton *HH* - - - W. & C. | 48,301 | 13 | 4 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Peter Hammersmith - - W. | 9,097 | 2 | 4 | 1 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - |
| St. Paul Hammersmith *HH* W. & G. | 35,102 | 62 | 30 | 10 | 3 | - | 8 | - | - | 2 | - | - | - | - | - | 1 | 1 |
| Fulham *Ww* - - - W. & C. | 113,781 | 79 | 42 | 11 | 10 | - | 1 | 2 | 4 | 2 | - | - | - | - | 6 | 7 | 14 |
| Chelsea Kensal Town - C. | 21,450 | 9 | 4 | 1 | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - |
| Chelsea North *WHHHHH* - C. | 42,057 | 19 | 12 | 1 | 4 | - | 2 | - | - | - | - | - | - | - | - | - | 6 |
| Chelsea South *HH* - - C. | 33,139 | 14 | 14 | 1 | 4 | - | 1 | - | - | - | - | - | - | - | 1 | 1 | 4 |
| May Fair *W* - - - - G. | 23,827 | 6 | 12 | 1 | 4 | - | - | - | - | 2 | - | - | - | - | - | - | 6 |
| Belgrave *WHHH* - - - C. | 56,140 | 18 | 17 | 2 | 1 | - | - | - | - | 1 | - | - | - | - | - | - | 10 |
| St. John Westminster *HH* - C. | 31,492 | 20 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Margaret Westminster *H* - C. | 22,097 | 2 | 16 | 3 | 2 | - | 1 | - | - | 1 | - | - | - | - | 1 | 1 | 7 |
| St. James Westminster *WHH* N. & G. | 23,050 | 9 | 4 | - | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 5 | 4 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| NORTH DISTRICTS. | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - - W. | 36,595 | 11 | 15 | 1 | 4 | - | 1 | - | - | 1 | - | - | - | - | - | - | 6 |
| Rectory Marylebone *W* G. & W. | 19,798 | 12 | 16 | 2 | 3 | - | 1 | - | - | 1 | - | - | - | - | - | 2 | 5 |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 22 | 7 | 3 | 1 | - | 1 | - | - | 1 | - | - | - | - | - | 1 | - |
| Christchurch Marylebone *H* - W | 32,547 | 9 | 11 | 1 | 1 | - | 6 | - | - | - | - | - | - | - | - | - | - |
| St. John Marylebone *HHH* W. | 32,611 | 10 | 10 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 26 | 25 | 9 | 5 | - | 1 | - | 3 | 1 | - | 1 | - | - | 1 | 4 | 6 |
| Regent's Park Pancras *HH* - W. | 37,341 | 15 | 5 | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Tottenham-court *wHHH* - N. & W. | 26,757 | 10 | 13 | 3 | 4 | - | - | - | - | - | - | - | - | - | 1 | 1 | 6 |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 23 | 9 | 2 | - | - | - | - | 2 | - | - | - | - | - | - | - | 2 |
| Somers Town *HH* - - - N. | 32,161 | 23 | 12 | 2 | 4 | - | - | - | - | - | - | - | - | - | 1 | 3 | 2 |
| Camden Town *WH* - - N. | 16,669 | 15 | 9 | - | 4 | - | 1 | - | - | 1 | - | - | - | - | - | 2 | 5 |
| Kentish Town *WW* - - N. | 98,410 | 43 | 25 | 6 | 5 | - | 1 | - | - | - | - | - | - | - | 1 | 3 | 4 |
| Upper Holloway *WWWwHH* - - - N. | 98,273 | 58 | 52 | 12 | 12 | - | 5 | - | 1 | 3 | - | - | - | - | 2 | 4 | 26 |
| Islington South-west *H* - N. | 107,365 | 69 | 32 | 11 | 7 | - | 4 | - | 1 | 4 | - | - | - | - | - | 2 | - |
| Islington South-east - - N. | 66,549 | 26 | 13 | 5 | 5 | - | 1 | - | - | - | - | - | - | - | 2 | 2 | - |
| Highbury *HH* - - - N. | 64,577 | 26 | 15 | 4 | 4 | - | 2 | - | - | - | - | - | - | - | 1 | 2 | - |
| Stoke Newington *H* - N. | 33,485 | 17 | 5 | - | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - |
| North Hackney - - E. & N. | 213,044 | 23 | 7 | - | 1 | - | 2 | - | - | - | - | - | - | - | - | - | - |
| Central Hackney *ww* - E. & N. | | 24 | 17 | 3 | 1 | - | - | 1 | 8 | 1 | - | 1 | - | - | - | 1 | 12 |
| South-west Hackney *HHH* E. & N. | | 39 | 20 | 3 | 4 | - | 1 | - | - | 1 | - | - | - | - | 2 | 2 | 9 |
| South-east Hackney *WwH* E. & N. | | 44 | 25 | 6 | 7 | - | - | - | - | - | - | - | - | 1 | 2 | 3 | 15 |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated the namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junc Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River; E. London; and K. the Kent Company.

* See note † on first page of this Return

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday, 30th April, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population. 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CENTRAL DISTRICTS. | | | | | | | | | | | | | | | | | | |
| St. George Bloomsbury - - N. | 16,110 | 4 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Giles South *WH* - - N. | 12,976 | 9 | 3 | 2 | - | - | - | - | - | 1 | - | - | - | | - | - | - | - |
| St Giles North *H* - - - N. | 9,151 | 3 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Martin-in-the-Fields *HH* N. & C. | 13,077 | 1 | 4 | - | 3 | - | - | - | - | - | - | - | - | - | - | - | 2 | - |
| Strand *WHH* - - - - N. | 11,839 | 4 | 6 | 1 | - | - | 1 | 1 | - | - | - | 1 | - | - | - | - | 3 | - |
| *Strand Union Workhouse, Edmonton* | †*1,037* | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Holborn *wHHHHHH* - N. | 31,042 | 16 | 13 | 6 | 1 | - | 3 | - | 1 | 2 | - | - | - | - | - | - | 2 | - |
| St. James Clerkenwell - - N. | 15,777 | 13 | 2 | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - |
| Amwell Clerkenwell - - N. | 34,356 | 20 | 10 | 4 | - | - | 2 | - | - | 1 | - | - | - | - | - | - | - | - |
| Goswell-street - - - - N. | 16,069 | 10 | 6 | 3 | 1 | - | 1 | - | - | 1 | - | - | - | 1 | - | 2 | - | - |
| City-road *HHHL* - - - N. | 29,897 | 20 | 11 | 4 | - | - | - | - | - | 3 | - | - | - | - | - | - | 2 | - |
| Whitecross-street - - - N. | 7,595 | 7 | 1 | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - |
| Finsbury - - - - - N. | 4,035 | 3 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| *Holborn Union Workhouse, Mitcham* - - - - | †*892* | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Botolph *H* - - N. & E. | 6,870 | 7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Cripplegate - - - - N. | 3,299 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Sepulchre *WH* - - - N. | 9,591 | 5 | 12 | 2 | 3 | - | - | - | - | - | - | 2 | - | - | 1 | 1 | 11 | - |
| Allhallows Barking - - - N. | 9,059 | 2 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Broad Street *H* - - - N. | 2,892 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| *City of London Asylum, Stone* - - | †*388* | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| EAST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| Shoreditch South *Hl* - E. & N. | 17,975 | 7 | 3 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Hoxton New Town *w* - - N. | 29,575 | 20 | 12 | 1 | 7 | - | - | - | - | 1 | - | - | - | - | - | 1 | 4 | - |
| Hoxton Old Town - - - N. | 27,645 | 17 | 9 | 3 | 1 | - | - | - | 1 | 1 | - | - | - | 1 | - | 1 | - | - |
| Haggerston *WH* - - N. & E. | 47,163 | 28 | 22 | 6 | 5 | - | 1 | - | - | 1 | - | - | - | - | - | 3 | 10 | - |
| Bethnal Green North *H* - E. | 49,301 | 36 | 12 | 5 | 2 | - | 3 | - | - | 1 | - | - | - | - | - | 3 | - | - |
| Bethnal Green South - - E. | 34,194 | 21 | 11 | 3 | - | - | 3 | - | 1 | - | - | - | - | - | - | - | - | - |
| Bethnal Green East *WHl* - E. | 45,667 | 28 | 14 | 4 | 4 | - | 3 | - | 1 | - | - | - | - | - | 2 | 3 | 5 | - |
| Spitalfields - - - E. & N. | 26,681 | 31 | 5 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Mile End New Town *W* - E. | 12,816 | 20 | 11 | 4 | 2 | - | - | - | - | - | - | - | - | - | - | 2 | 6 | - |
| Whitechapel Church *H* - E. & N. | 25,561 | 22 | 25 | 1 | 5 | - | - | - | - | - | - | - | - | - | 5 | 8 | 21 | - |
| Goodman's Fields - - - E. | 13,618 | 10 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. George's North - - - E. | 39,576 | 36 | 17 | 8 | 3 | - | 1 | - | - | 1 | - | - | - | 1 | - | 2 | - | - |
| St. John, St. George East *W* E. | 7,930 | 3 | 12 | 2 | 2 | - | 1 | - | - | 1 | - | - | - | - | - | 2 | 7 | - |
| Shadwell *H* - - - E. & N. | 10,434 | 10 | 8 | 2 | - | - | - | - | - | - | - | - | - | 1 | 1 | 2 | 5 | - |
| Ratcliff *W* - - - - E. | 14,954 | 7 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Limehouse - - - - E. | 32,917 | 22 | 6 | 2 | 1 | - | - | - | - | 2 | - | - | - | - | 2 | 2 | - | - |
| Mile End Old Town West *H* E. | 111,060 | 42 | 16 | 7 | 3 | - | 1 | 1 | 1 | - | - | - | - | - | 1 | 2 | 1 | - |
| Mile End Old Town East *WWww* - E. | | 41 | 23 | 5 | 8 | - | 1 | - | 1 | 1 | - | - | - | - | - | 1 | 9 | - |
| Bow *l* - - - - E. | 41,687 | 27 | 12 | 5 | - | - | 3 | - | 1 | 1 | - | - | - | - | - | - | 1 | - |
| Bromley *wwwH* - - - E. | 69,821 | 45 | 38 | 14 | 5 | - | 1 | 1 | - | 4 | - | - | - | - | 2 | 7 | 16 | - |
| Poplar *WW* - - - - E. | 57,759 | 39 | 28 | 13 | 9 | - | - | - | 1 | 2 | - | - | - | - | 1 | 6 | - | - |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 30th April, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WHL*.&S. | 13,064 | 6 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| St. Saviour Southwark - - S. | 12,301 | 4 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Kent-road - - - - S. & L. | 22,879 | 12 | 4 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Borough-road *WH* - S. & L. | 16,083 | 14 | 5 | 2 | – | – | – | – | – | 1 | – | – | – | – | – | – | 5 | – |
| London-road *HL* - - L. & S. | 21,316 | 16 | 9 | 3 | 2 | – | – | – | – | 1 | – | – | – | – | – | 1 | – | – |
| Trinity Newington - - S. & L. | 28,723 | 12 | 8 | 3 | 2 | – | – | – | – | – | – | – | – | – | 1 | 3 | – | – |
| St. Peter Walworth *W* - S. & L. | 62,045 | 39 | 15 | 5 | 5 | – | – | – | 1 | – | – | – | – | 2 | 2 | 4 | 1 | – |
| St. Mary Newington- - L. & S. | 30,171 | 22 | 7 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| St. Olave *WH* - - - S. | 11,731 | 7 | 27 | 6 | 4 | – | 1 | – | – | 1 | – | – | – | – | 2 | 4 | 21 | – |
| Leather Market *W* - S & L. | 32,339 | 28 | 14 | 5 | 2 | – | 2 | – | – | 2 | – | – | – | – | – | – | 1 | – |
| St. James Bermondsey - - S. | 53,136 | 35 | 8 | 2 | 3 | – | 1 | 1 | – | – | – | – | – | – | – | – | – | – |
| Rotherhithe *WwH* - S. & K. | 40,379 | 29 | 15 | 3 | 2 | – | 2 | – | 1 | – | – | – | – | – | – | – | 7 | – |
| Waterloo-road *HH* - L. & S. | 28,396 | 29 | 10 | 5 | 1 | – | – | – | 1 | – | – | – | – | – | 1 | 1 | 2 | – |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 13 | 17 | 3 | 3 | – | 1 | – | 3 | – | – | – | – | – | 2 | 2 | 8 | – |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 30 | 20 | 4 | 6 | – | 2 | – | – | 1 | – | – | – | – | – | – | 11 | – |
| Kennington 1st *H* - - S. & L. | 52,486 | 30 | 7 | 1 | – | – | – | – | – | 2 | – | 1 | – | – | – | – | 1 | – |
| Kennington 2nd - - S. & L. | 43,244 | 24 | 7 | – | 2 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| Brixton *w* - - - L. & S. | 81,825 | 46 | 20 | 3 | 5 | – | 1 | – | 2 | – | – | – | – | – | – | – | 2 | – |
| Norwood *WH* - - - - L. | 29,318 | 12 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| East Battersea - - - - S. | 71,730 | 47 | 17 | 5 | 3 | – | 2 | – | 1 | – | – | – | – | – | – | 1 | – | – |
| West Battersea *WwH* - - S | 93,385 | 47 | 27 | 2 | 5 | – | 1 | – | – | 1 | – | – | – | – | 1 | 3 | 4 | – |
| Clapham *H* - - - - S. | 46,953 | 23 | 8 | 3 | 2 | – | – | – | – | – | – | – | – | – | 1 | 2 | – | – |
| Wandsworth *WHHL* - - S. | 58,101 | 43 | 18 | 4 | 5 | – | 1 | – | – | – | – | – | – | – | – | 2 | 3 | – |
| Putney - - - - - S. | 20,566 | 7 | 6 | – | 2 | – | 2 | – | – | – | – | – | – | – | – | – | – | – |
| Streatham *Wwww* - - - L. | 61,644 | 24 | 18 | 5 | 6 | – | – | 1 | 1 | 1 | – | – | – | – | 1 | 1 | 2 | – |
| Dulwich - - - - L. & S. | 7,519 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Camberwell *Wwll* - S. & L. | 90,286 | 53 | 33 | 1 | 17 | – | 2 | – | – | – | – | – | – | 1 | 1 | 1 | 22 | 1 |
| Peckham *WW* - S., L., & K. | 88,242 | 49 | 20 | 2 | 5 | – | 1 | – | – | 3 | – | – | – | – | 1 | 1 | – | – |
| St. George Camberwell - L. & S. | 67,029 | 43 | 14 | 8 | 2 | – | 1 | – | – | – | – | – | – | – | – | 1 | – | – |
| Deptford North - - - K. | 36,152 | 25 | 11 | 3 | 3 | – | 2 | – | – | – | – | – | – | – | – | 2 | – | – |
| Deptford Central *w* - - K. | 45,441 | 30 | 16 | 6 | 2 | – | 1 | – | 1 | 1 | – | – | – | – | – | – | 4 | – |
| Deptford South - - - K. | 33,402 | 10 | 11 | 3 | 4 | – | – | – | – | – | – | – | – | – | – | – | – | 1 |
| Greenwich West *H* - - K. | 23,012 | 18 | 7 | 4 | 3 | – | 1 | – | – | 1 | – | – | – | – | – | – | – | – |
| Greenwich East *WH* - - K. | 37 767 | 21 | 25 | 4 | 7 | – | – | – | – | – | – | – | – | – | 1 | 2 | 18 | 2 |
| Eltham *wH* - - - - K. | 5,911 | 1 | 1 | – | – | – | – | – | – | 1 | – | – | – | – | – | – | 1 | – |
| Lee *H* - - - - - K. | 24,222 | 6 | 6 | 1 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | 2 | 1 |
| Lewisham *WwH* - - - K. | 38,139 | 29 | 12 | 3 | 4 | – | – | 1 | – | – | – | – | – | – | 2 | 2 | 5 | – |
| Sydenham *H* - - - - L. | 37,601 | 20 | 6 | 2 | 2 | – | 2 | – | – | – | – | – | – | – | – | – | – | – |
| Charlton *wHR* - - K. | 15,928 | 6 | 8 | 1 | 1 | – | – | 1 | 1 | – | – | – | – | – | – | – | 2 | – |
| Woolwich Dockyard - - K. | 19,355 | 7 | 5 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 17 | 5 | 2 | 1 | – | – | – | – | – | – | – | – | 1 | 1 | 1 | 1 | – |
| Plumstead West *H* - - K. | 16,714 | 11 | 4 | 2 | 1 | – | 1 | – | – | – | – | – | – | – | – | 1 | – | 1 |
| Plumstead East *WH* - - K. | 42,538 | 27 | 15 | 1 | 3 | – | – | – | – | 2 | – | – | – | 1 | 1 | 2 | 4 | 1 |
| Banstead Asylum - - - - | — | – | 5 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 5 | – |
| Caterham Asylum - - - - | — | – | 5 | – | – | – | – | – | – | – | – | – | – | – | – | – | 5 | – |
| Cane Hill Asylum - - - - | — | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Hospital Ships and Camp, Dartford | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Darenth Asylum - - - - | — | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | 2 | – |
| Hanwell Asylum - - - - | — | – | 6 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 6 | – |
| Colney Hatch Asylum - - - | — | – | 3 | – | 3 | – | – | – | – | – | – | – | – | – | – | – | 3 | – |
| N.E. Hospital - - - - | — | – | 3 | – | – | – | – | 3 | – | – | – | – | – | – | – | – | 3 | – |
| Winchmore Hill Hospital - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Leavesden Asylum - - - - | — | – | 4 | – | – | – | – | – | – | – | – | – | – | – | – | – | 4 | – |
| Claybury Asylum - - - - | — | – | 5 | – | – | – | – | – | – | – | – | – | – | – | – | – | 5 | – |

TABLE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 30th April, 1898.

| Registration District and Sub-district Numbers. | REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years & upwds. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LONDON—OUTER RING - | 368,749 | 1,422,063 | 960 | 466 | 121 | 124 | – | 27 | – | 14 | 17 | – | 5 | 14 | 26 | 39 | 6 |
| 30 : 1 | Carshalton *wHH* - - | 12,228 | 26,108 | 10 | 10 | 2 | 5 | – | – | – | – | – | – | – | 1 | 1 | – | – |
| 2 | Epsom, *part of* WwHH* - | 10,423 | 12,508 | 7 | 4 | – | 3 | – | – | – | – | – | – | – | – | – | – | 1 |
| 37 : 1 | Godstone, *part of* W* - | 2,754 | 1,598 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 38 : 1 | Croydon *WwHHH* - - | 20,851 | 128,699 | 75 | 41 | 5 | 18 | – | – | – | – | – | – | 1 | 2 | 2 | 10 | – |
| 2 | Mitcham *w* - - - | 11,697 | 23,088 | 6 | 7 | 1 | 2 | – | – | – | – | – | – | – | – | 1 | – | – |
| 39 : 1 | Wimbledon *HHH* - - | 3,220 | 25,761 | 21 | 4 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Kingston *W* - - - | 8,071 | 33,566 | 21 | 9 | 2 | 4 | – | 1 | – | – | 1 | – | – | – | 2 | 2 | – |
| 3 | Surbiton *H*- - - - | | 11,199 | 4 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 4 | Esher, *part of* HH* - - | 6,601 | 12,059 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 5 | Hampton *HL* - - - | 4,565 | 18,252 | 13 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 40 : 1 | Richmond *WH* - - - | 2,160 | 25,389 | 6 | 6 | – | 2 | – | 1 | – | – | – | – | – | – | – | 1 | – |
| 2 | Mortlake *H* - - - | 2,823 | 16,159 | 9 | 3 | 1 | – | – | – | – | – | 2 | – | – | – | – | – | – |
| 41 : 1 | Bromley *HHH* - - - | 9,127 | 23,815 | 12 | 5 | – | 2 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Beckenham *H* - - - | 6,542 | 21,969 | 14 | 6 | 1 | 2 | – | 1 | – | – | 1 | – | – | – | – | 1 | – |
| 3 | Chislehurst, *part of* WHH* | 14,307 | 20,372 | 14 | 4 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| 42 : 1 | Bexley *HHH* - - - | 12,540 | 30,590 | 28 | 17 | 4 | 6 | – | 3 | – | 6 | – | – | – | – | – | – | 1 |
| 2 | Dartford *WH, part of** - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 124 : 1 | Sunbury *w* - - - | 11,054 | 13,671 | 6 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Staines *WH* - - - | 13,277 | 13,221 | 6 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 125 : 1 | Hillingdon *WHH* - - | 6,035 | 12,237 | 9 | 7 | 3 | 2 | – | 1 | – | 1 | – | – | 1 | – | – | 1 | – |
| 2 | Uxbridge - - - - | 12,757 | 7,253 | 1 | 4 | 1 | – | – | 1 | – | 1 | – | – | 1 | – | – | – | – |
| 3 | Hayes *wH* - - - - | 7,952 | 11,051 | 9 | 4 | 3 | – | – | – | – | – | – | – | – | – | – | – | – |
| 126 : 1 | Isleworth *WHH* - - | 6,967 | 26,004 | 17 | 7 | 2 | 1 | – | 2 | – | – | – | – | – | – | – | 1 | – |
| 2 | Twickenham *HH* - - | 2,415 | 16,027 | 6 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Brentford *HHHH* - - | 4,318 | 37,777 | 21 | 15 | – | 6 | – | – | – | – | – | – | – | – | 1 | 3 | – |
| 4 | Chiswick - - - - | 1,245 | 21,963 | 20 | 7 | 2 | 2 | – | 2 | – | – | – | – | – | – | – | – | – |
| 5 | Acton *wH* - - - - | 6,132 | 30,945 | 24 | 9 | 3 | 1 | – | 1 | – | – | – | – | – | – | – | – | – |
| 127 : 1 | Harrow *HHH* - - - | 13,809 | 15,715 | 10 | 5 | 1 | 3 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Edgware *HH* - - - | 6,994 | 3,844 | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Willesden *HHH* - - | 4,383 | 61,265 | 51 | 24 | 6 | 4 | – | 5 | – | 1 | 1 | – | – | – | – | – | 1 |
| 4 | Hendon *WH* - - - | 8,382 | 15,843 | 13 | 8 | 3 | 2 | – | 1 | – | – | – | – | – | 1 | 1 | – | – |
| 128 : 1 | South Mimms *HH* - - | 21,077 | 6,367 | 2 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Barnet *WHH* - - - | | 14,152 | 10 | 5 | – | 3 | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Finchley *HHH*- - - | 4,688 | 25,820 | 10 | 6 | – | 4 | – | – | – | – | – | – | – | – | 1 | – | – |
| 129 : 1 | Hornsey *HH* - - - | 3,039 | 61,097 | 37 | 17 | 4 | 8 | – | – | – | – | – | – | – | 1 | 1 | – | – |
| 2 | Tottenham *HH*- - - | 4,642 | 97,174 | 75 | 31 | 9 | 5 | – | 3 | – | – | 1 | – | – | 2 | 2 | 1 | – |
| 3 | Edmonton *Www* - - | 7,489 | 36,351 | 25 | 11 | 4 | 3 | – | – | – | – | 4 | – | – | – | – | 3 | – |
| 4 | Enfield *WWHH* - - | 12,602 | 31,536 | 16 | 8 | 3 | 1 | – | – | – | 1 | – | – | 1 | – | – | 1 | – |
| 5 | Waltham Abbey - - - | 11,017 | 6,066 | 7 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 6 | Cheshunt *H* - - - | 8,480 | 9,620 | 6 | 2 | 1 | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| 135 : 1 | Hatfield, *part of* W* - - | 3,306 | 582 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 137 : 1 | Bushey *H* - - - - | 9,331 | 7,737 | 3 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Watford *WH, part of** - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 186 : 1 | Stratford *H* - - - | 4,706 | 38,612 | 42 | 19 | 8 | 5 | – | – | – | 1 | – | – | – | 1 | 1 | 1 | – |
| 2 | Plaistow *WHH*- - - | | 58,030 | 54 | 23 | 9 | 1 | – | – | – | – | – | – | – | 2 | 2 | – | – |
| 3 | Canning Town *H* - - | | 54,750 | 29 | 19 | 7 | 2 | – | – | – | – | 2 | – | – | – | 1 | – | 1 |
| 4 | Forest Gate *w* - - - | | 53,511 | 25 | 19 | 6 | 4 | – | – | – | – | 1 | – | 1 | – | – | – | 2 |
| 5 | East Ham *wH*- - - | 3,266 | 32,713 | 48 | 20 | 7 | 3 | – | – | – | – | 3 | – | – | 1 | 4 | – | – |
| 6 | Leyton *WWWwH* - - | 4,334 | 70,188 | 61 | 29 | 5 | 7 | – | 2 | – | 2 | – | – | – | – | 2 | 11 | – |
| 7 | Walthamstow *HHL*- - | 6,501 | 57,330 | 48 | 21 | 9 | 1 | – | 2 | – | 1 | 1 | – | – | – | 1 | – | – |
| 187 : 1 | Chigwell, *part of* HHHH* | 11,779 | 12,941 | 5 | 7 | 3 | 1 | – | 1 | – | – | – | – | – | 1 | – | 3 | – |
| 2 | Epping *WH, part of** - - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 189 : 1 | Romford, *part of* WH* - | 6,556 | 4,324 | 1 | 3 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Ilford - - - - - | 8,493 | 10,913 | 7 | 7 | 1 | 2 | – | – | – | – | – | – | – | 1 | 2 | – | – |
| 3 | Barking Town, *H* - - | 3,814 | 14,301 | 12 | 4 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – |

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30 : 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37 : 1, the parishes of Warlingham and Farley in Godstone sub-district; 39 : 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41 : 3, Chislehurst sub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135 : 1, the parish of Northaw in Hatfield sub-district; 187 : 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (pop. 1,079); 189 : 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for Infectious Diseases belonging to the Outer Ring in 42 : 2, Dartford; 137 : 2, Watford; and 187; 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 30th April, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | ANNUAL RATE of MORTALITY per 1000 living. From All Causes. | From Diseases in Cols. 8-14. | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. |
| GREATER LONDON | **443,421** | **6,408,321** | **15·9** | **2·5** | **1951** | **467** | **454** | – | **134** | **13** | **53** | **87** | **7** | **15** | **75** |
| INNER LONDON - | 74,672 | 4,504,766 | 17·2 | 2·8 | 1485 | 346 | 330 | – | 107 | 13 | 39 | 70 | 7 | 10 | 61 |
| OUTER RING - | 368,749 | 1,903,555 | 12·8 | 1·7 | 466 | 121 | 124 | – | 27 | – | 14 | 17 | – | 5 | 14 |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent t the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

| CITIES. | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. (Exclusive of Stillborn) | DEATHS. (Exclusive of Stillborn) | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM PRINCIPAL ZYMOTIC DISEASES. Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 295,628 | April 30 | 166 | 98 | 17·3 | – | 1 | 1 | – | 4 | 2 | |
| GLASGOW - - | 724,349 | „ 30 | 508 | 310 | 22·3 | – | 30 | 4 | 1 | 16 | – | |
| DUBLIN - - | 349,594 | „ 30 | 226 | 170 | 25·4 | – | – | 1 | 2 | 3 | 2 | |
| CALCUTTA - - | 466,460 | March 19 | – | 305 | 34·1 | 3 | – | – | – | – | 120 | |
| BOMBAY - - | 821,764 | April 5 | 140 | 1494 | 94·5 | 5 | 11 | – | – | – | 787‡ | |
| MADRAS - - | 452,518 | March 25 | 288 | 336 | 38·6 | 9 | 35 | – | – | – | 118 | |
| PARIS - - - | 2,511,629 | April 23 | 1114 | 1011 | 20·8 | – | 33 | 6 | 6* | 11 | 2 | |
| BRUSSELS - - | 531,024 | „ 23 | 256 | 192 | 18·8 | – | 1 | – | – | 1 | 2 | |
| AMSTERDAM - | 505,326 | „ 16 | 257 | 194 | 20·0 | – | – | 1 | 3 | 4 | – | |
| ROTTERDAM - | 290,004 | „ 16 | 205 | 134 | 24·0 | – | 6 | – | – | 4 | 1 | |
| THE HAGUE - | 191,529 | „ 16 | 96 | 63 | 17·0 | – | – | – | 1 | 1 | – | |
| COPENHAGEN - | 340,500 | „ 23 | 146 | 148 | 22·7 | – | – | – | – | 6 | – | |
| STOCKHOLM - | 274,611 | „ 16 | 137 | 102 | 19·3 | – | – | 2 | 2* | 3 | – | |
| CHRISTIANIA - | 192,141 | „ 23 | 117 | 70 | 18·9 | – | – | – | – | 2 | – | |
| ST. PETERSBURG | 954,400 | „ 23 | 860 | 638 | 34·9 | 3 | 5 | 14 | 14 | 2 | 28 | 6 |
| MOSCOW - - | 988,610 | „ 16 | – | 486 | 25·6 | 2 | 9 | 5 | 7 | 1 | 7 | 4 |
| BERLIN - - | 1,753,775 | „ 9 | 910 | 549 | 16·2 | 1 | 2 | 3 | 8 | 11 | – | 2 |
| HAMBURG - - | 661,015 | „ 23 | – | 226 | 17·8 | – | 2 | 2 | 1* | 3 | 1 | |
| DRESDEN - - | 377,500 | March 26 | – | – | – | – | – | – | – | – | – | – |
| BRESLAU - - | 392,795 | April 23 | – | 201 | 26·7 | – | 6 | 3 | 2* | 2 | – | 2 |
| MUNICH - - | 430,000 | „ 23 | – | – | – | – | – | – | – | – | – | – |
| VIENNA - - | 1,574,129 | „ 23 | 907 | 817 | 26·5 | – | 30 | 2 | 12* | 1 | 1 | 5 |
| PRAGUE - - | 377,109 | „ 23 | – | – | – | – | – | – | – | – | – | – |
| BUDA-PESTH - | 648,104 | „ 23 | 445 | 309 | 24·8 | – | 3 | 1 | – | – | 1 | 1 |
| TRIESTE - - | 164,491 | „ 23 | 103 | 93 | 29·3 | – | 4 | 3 | 2* | – | – | 7 |
| ROME - - - | 489,965 | March 26 | 230 | 163 | 17·3 | – | 6 | – | – | – | 3 | 5 |
| TURIN (10 days) | 344,203 | „ 10 | 210 | 211 | 22·4 | – | 2 | – | 2 | 2 | – | 6 |
| VENICE - - | 167,074 | April 16 | – | – | – | – | – | – | – | – | – | – |
| CAIRO - - | 570,062 | January 28 | – | – | – | – | – | – | – | – | – | – |
| ALEXANDRIA - | 319,766 | „ 28 | – | – | – | – | – | – | – | – | – | – |
| NEW YORK (including BROOKLYN) | 3,438,899 | April 9 | 1498 | 1195 | 18·1 | – | 22 | 17 | 34 | 14 | 5 | 19 |
| PHILADELPHIA - | 1,240,266 | „ 16 | – | 507 | 21·3 | – | 11 | 1 | 31 | 4 | 8 | 4 |

* Including deaths from croup.
† Including 11 deaths from cholera in Calcutta, 1 in Bombay, and 2 in Madras.
‡ Including 678 deaths from bubonic fever.

| 1898. Month and Day. | | Phases of the Moon. | Mean daily reading (corrected and reduced to 32° Fahrenheit). | Of the Air. High-est. | Of the Air. Low-est | Of the Air. Daily Range. | Of the Air. Mean daily value. | Of the Air. De-parture from Average of 50 years. | Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Difference. Great-est. | Difference. Least. | Degree of Humidity (Saturation equals 100). | Of Radiation. Highest in Sun's Rays. | Of Radiation. Lowest on the Grass. | Of the Earth 3 feet below the Surface. | Wind as deduced from Anemometers. Osler's. General Direction. A.M. | General Direction. P.M. | Pressure on the Square Foot. Great-est. | Pressure. Least. | Pressure. Mean of 24 hourly obs. | Robinson's. Horizontal Movement of the Air on each Day. | Robinson's. Departure from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| APRIL | | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| SUNDAY - | 24 | Greatest Dec N | 30·016 | 56·0 | 29·7 | 26·3 | 43·8 | − 4·6 | 34·9 | 8·9 | 15·8 | 0·0 | 71 | 119·4 | 25·4 | 47·58 | ENE., calm & E. | E. & NE. | 2·0 | 0·0 | 0·1 | 198 | − 85 | 0·00 | 0·0 |
| MONDAY - | 25 | Apogee | 29·935 | 54·0 | 35·1 | 18·9 | 45·4 | − 3·0 | 37·2 | 8·2 | 13·6 | 3·1 | 73 | 99·5 | 28·7 | 47·59 | NNE., N. & E. | E. & ENE. | 2·0 | 0·0 | 0·2 | 247 | − 32 | 0·00 | 0·0 |
| TUESDAY - | 26 | .. | 29·588 | 59·1 | 41·8 | 17·3 | 48·5 | + 0·1 | 45·2 | 3·3 | 11·6 | 1·0 | 88 | 114·7 | 37·0 | 47·63 | NE. | E. & ENE. | 2·3 | 0·0 | 0·1 | 254 | − 21 | 0·14 | 0·0 |
| WEDNESDAY | 27 | .. | 29·401 | 60·3 | 45·6 | 14·7 | 50·9 | + 2·4 | 46·6 | 4·3 | 12·5 | 0·0 | 85 | 96·0 | 38·3 | 47·80 | ESE. & SSE. | S. & E. | 0·6 | 0·0 | 0·0 | 136 | −136 | 0·00 | 0·0 |
| THURSDAY- | 28 | .. | 29·423 | 56·5 | 45·0 | 11·5 | 49·3 | + 0·7 | 48·5 | 0·8 | 6·3 | 0·0 | 97 | 68·3 | 38·0 | 48·20 | variable, & NNW. | NW., SW. & S. | 1·2 | 0·0 | 0·0 | 135 | −134 | 0·30 | 1·0 |
| FRIDAY - | 29 | 1st Qr. | 29·413 | 60·9 | 44·1 | 16·8 | 51·5 | + 2·7 | 44·4 | 7·1 | 14·8 | 1·1 | 77 | 114·5 | 41·0 | 48·32 | S. & SSW. | SSW., S. & SW. | 2·2 | 0·0 | 0·2 | 237 | − 29 | 0·01 | 3·2 |
| SATURDAY - | 30 | .. | 29·430 | 56·0 | 41·7 | 14·3 | 48·7 | − 0·3 | 41·8 | 6·9 | 12·9 | 0·9 | 77 | 99·7 | 37·7 | 48·45 | SSW. & SSE. | S. & SW. | 17·9 | 0·0 | 1·2 | 457 | +195 | 0·04 | 0·8 |
| MEANS - - | | | 29·601 | 57·5 | 40·4 | 17·1 | 48·3 | − 0·3 | 42·7 | 5·6 | 12·5 | 0·9 | 81 | 101·7 | 35·2 | 47·94 | NE. & SW. | | .. | .. | .. | Sum 1664 | Sum −242 | Sum 0·49 | 0·7 |
| No. of Column - | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| DATE. | | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. |
|---|---|---|---|---|
| APRIL | | | | |
| SUNDAY - | 24 | m. P. till 10h. A.M.; w. P. till 6h. P.M.; m. P. afterwards. | 10·4 | 14·4 |
| MONDAY - | 25 | m. P. throughout - | 1·8 | 14·4 |
| TUESDAY - | 26 | m. P. till 7h. P.M.; v. P. and v. N. afterwards. | 2·4 | 14·5 |
| WEDNESDAY | 27 | w. P. till 6h. P.M.; m. P. afterwards. | 2·4 | 14·5 |
| THURSDAY- | 28 | m. P. till 2h. A.M.; v. P. and v. N. till 8h. A.M.; w. P. generally afterwards. | 0·1 | 14·6 |
| FRIDAY - | 29 | w. P. generally - | 2·5 | 14·7 |
| SATURDAY - | 30 | w. P. till 8h. A.M.; w. P. and v. N. till 1h. P.M.; w. P. till 6h. P.M.; m. P. afterwards. | 4·3 | 14·7 |
| | | | Sum 23·9 | Sum 101·8 |
| No. of Col. - - | | 27 | 28 | 29 |

## GENERAL REMARKS.

| | |
|---|---|
| SUNDAY 24 | Cloudless with hoar frost in morning; very fine with variable amounts of cloud till 2h. P.M.; generally cloudless afterwards. |
| MONDAY 25 | Generally cloudy. |
| TUESDAY 26 | Generally overcast; fine in afternoon. Frequent rain after 4h. P.M. |
| WEDNESDAY 27 | Overcast till 1h. P.M.; fine and partially cloudy afterwards. Solar halo observed in afternoon. |
| THURSDAY 28 | Generally overcast with frequent rain till 3h. P.M.; fine and partially cloudy afterwards. Gloom between noon and 2h. P.M. |
| FRIDAY 29 | Fine and partially cloudy. Slight showers in afternoon. |
| SATURDAY 30 | Fine in morning; generally overcast and showery till 3h. P.M.; very fine afterwards. Strong wind prevalent between 9h. A.M. and 5h. P.M. |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer increased from 29·98 in. at the beginning of the week to 30·03 in. by 8h. P.M. on the 24th; decreased to 29·39 in. by 4h. P.M. on the 27th; increased to 29·50 in. by 1h. A.M. on the 30th; decreased to 29·33 in. by 1h. P.M. on the same day; and increased to 29·67 in. by the end of the week.

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1893.

OFFICIAL COPY.

# WEEKLY RETURN

OF

# BIRTHS AND DEATHS IN LONDON

AND IN

## THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

*Printed under the Superintendence of Her Majesty's Stationery Office,*
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No. 18. 1898. Vol. LIX.] WEEK ENDING SATURDAY, MAY 7. [Price 1½*d.*

*General Register Office, Somerset House,*
*May 9th*, 1898.

### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 17·4 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000 :—

| Towns. | Weeks ending April 16. | April 23. | April 30. | May 7. | Towns. | Weeks ending April 16. | April 23. | April 30. | May 7. |
|---|---|---|---|---|---|---|---|---|---|
| **33 Great Towns** | 19·5 | 18·1 | 18·4 | 17·4 | Leicester - - | 24·2 | 18·5 | 18·2 | 16·0 |
| Birkenhead - | 16·1 | 17·0 | 15·2 | 13·8 | Liverpool - - | 27·5 | 22·7 | 30·0 | 26·2 |
| Birmingham - | 18·1 | 18·9 | 17·4 | 18·8 | London - - - | 19·1 | 17·9 | 17·2 | 16·9 |
| Blackburn - | 18·8 | 19·6 | 20·4 | 19·2 | Manchester - - | 22·0 | 20·2 | 18·1 | 20·4 |
| Bolton - - | 14·0 | 14·9 | 20·9 | 13·6 | Newcastle-on-Tyne | 26·0 | 23·8 | 22·4 | 20·8 |
| Bradford - | 21·4 | 20·5 | 20·3 | 16·5 | Norwich - - | 20·5 | 20·1 | 19·6 | 15·9 |
| Brighton - | 15·8 | 13·6 | 14·9 | 14·9 | Nottingham - - | 16·1 | 17·9 | 13·9 | 16·3 |
| Bristol - | 17·4 | 16·6 | 16·9 | 15·5 | Oldham - - | 24·6 | 14·4 | 20·7 | 21·1 |
| Burnley - | 17·1 | 15·7 | 16·2 | 13·3 | Plymouth - - | 19·5 | 15·3 | 18·4 | 15·3 |
| Cardiff - - | 16·7 | 14·4 | 10·3 | 12·9 | Portsmouth - - | 12·6 | 10·9 | 14·0 | 12·6 |
| Croydon - | 17·2 | 8·4 | 14·7 | 10·9 | Preston - - | 12·5 | 16·6 | 20·2 | 17·5 |
| Derby - - | 18·4 | 16·4 | 20·4 | 17·9 | Salford - - - | 22·0 | 21·0 | 17·4 | 17·9 |
| Gateshead - | 25·6 | 18·6 | 26·6 | 20·1 | Sheffield - - | 16·5 | 19·5 | 21·1 | 17·8 |
| Halifax - | 23·2 | 17·8 | 23·7 | 14·0 | Sunderland - - | 18·5 | 24·6 | 26·8 | 20·3 |
| Huddersfield- | 16·3 | 16·8 | 17·3 | 20·9 | Swansea - - | 14·8 | 13·8 | 14·8 | 13·3 |
| Hull - - | 19·3 | 15·7 | 18·6 | 14·1 | West Ham - - | 13·6 | 14·7 | 15·5 | 12·4 |
| Leeds - - | 22·0 | 20·5 | 18·6 | 18·3 | Wolverhampton - | 21·9 | 17·2 | 13·0 | 17·8 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were :—from *measles*, 1·1 in London and in Halifax, 1·2 in Bristol and in Wolverhampton, and 1·3 in Bradford ; from *scarlet fever*, 1·0 in Derby ; from *whooping-cough*, 1·0 in Salford, in Sheffield, and in Gateshead, 1·2 in Liverpool, and 1·6 in Newcastle-on-Tyne ; and from *diarrhœa*, 1·2 in Wolverhampton. In no case did the death-rate from "*fever*" reach 1·0 per 1000 in any of the thirty-three towns. The 50 deaths from *diphtheria* included 27 in London, 3 in West Ham, and 3 in Liverpool. One death from *small-pox* was registered in Gateshead, but not one in any other of the thirty-three towns.

In the registration district of Middlesbrough 5 deaths from small-pox were registered last week, making a total of 202 deaths from this disease since the beginning of the year.

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

16731—660—5/98 Wt 91 D & S 3

## London.

In London* 2449 births and 1464 deaths were registered. Allowing for increase of population, the births were 358, and the deaths 142, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 19·1, 17·9, and 17·2 in the preceding three weeks, further fell last week to 16·9. During the four weeks ending on Saturday last the death-rate averaged 17·8 per 1000, being 1·5 per 1000 below the mean rate in the corresponding periods of the ten years 1888–97.

The 1464 deaths included 99 from measles, 10 from scarlet fever, 27 from diphtheria, 52 from whooping-cough, 5 from enteric fever, 13 from diarrhœa and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 206 deaths were referred to these diseases, being 15 below the corrected average weekly number.

The deaths from *measles*, which had been 117, 131, and 107 in the preceding three weeks, further fell last week to 99, but were 24 above the corrected average; 10 cases belonged to St. Marylebone, 9 to Kensington, 6 to Hammersmith, 6 to Battersea, 5 to Chelsea, 5 to St. Pancras, 5 to Islington, 5 to Camberwell, and 5 to Greenwich sanitary areas. The deaths from *scarlet fever*, which had been 12, 10, and 13 in the preceding three weeks, fell again last week to 10, and were 8 below the corrected average; 2 cases belonged to Fulham and 2 to Shoreditch sanitary areas. The deaths from *diphtheria*, which had been 34, 31, and 39 in the preceding three weeks, fell again last week to 27, and were 6 below the corrected average. The deaths from *whooping-cough*, which had been 59, 53, and 70 in the preceding three weeks, fell again last week to 52, and were 16 below the corrected average; 7 cases belonged to Lambeth, 7 to Greenwich, and 6 to Bethnal Green sanitary areas. The fatal cases of *enteric fever*, which had been 7, 5, and 7 in the preceding three weeks, fell again last week to 5, and were 3 below the corrected average. The deaths from *diarrhœa*, which had been 12, 10, and 10 in the preceding three weeks, rose again last week to 13, but were 4 below the corrected average. The deaths referred to diseases of the respiratory organs, which had been 305, 283, and 274 in the preceding three weeks, further fell last week to 226, and were 104 below the corrected average. The deaths attributed directly to *influenza* numbered 17, having been 32, 23, and 19 in the preceding three weeks.

Different forms of violence caused 61 deaths, concerning all but 2 of which inquests were held. Of these 61 deaths, 6 were cases of suicide and 2 of homicide, while the remaining 53 were attributed to accident or negligence. Five of these were referred to vehicles in the streets, 7 to burns and scalds, 7 to drowning, 1 to "phosphorus necrosis caused whilst working in a match factory," 1 to the effects of chloroform administered for surgical purposes, and 9 (of infants under one year of age) to suffocation in bed.

### Cases of Infectious Sickness in Hospitals.†

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2271 cases of scarlet fever, 942 of diphtheria, 3 of typhus, and 54 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 209 cases, against 217, 241, and 205; of diphtheria, 133 cases, against 109, 105, and 110; and of enteric fever, 3 cases, against 13, 14, and 10.

* Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

† The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis s found after sojourn in the Hospital to have been erroneous.

## Greater London.

In Greater London 3428 births and 1875 deaths were registered, corresponding to annual rates of 27·9 and 15·3 per 1000 of the estimated population. In the Outer Ring 21 deaths from measles, 13 from diphtheria, and 19 from whooping-cough were registered. Seven deaths from measles occurred in Hendon, 5 in Brentford, and 4 in West Ham districts; 6 deaths from diphtheria occurred in West Ham district; 8 deaths from whooping-cough occurred in West Ham, and 4 in Edmonton districts.

## Meteorology.

The mean reading of the Barometer last week at Greenwich was 29·64 inches, and that of the Thermometer 51°·9, the latter being 1°·9 above the week's average in the 50 years 1841–90. The direction of the wind was variable, the horizontal movement of the air being 28 per cent. above the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 36·6 hours; the measured rainfall amounted to 0·58 of an inch.

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## Returns of London Water Companies.

The London Water Companies have been good enough to furnish the following account of the number of services and the average daily amount of water supplied during the month of April 1898. The supply was in the ratio of 233 gallons to one service.

| Companies. | Number of Services. | | Daily Supply of Water in Gallons. | |
|---|---|---|---|---|
| | April, 1897. | April, 1898. | April, 1897. | April, 1898. |
| Total Supply | 842,868 | 858,455 | 191,802,408 | 199,881,171 |
| From Thames | 406,390 | 413,164 | 104,269,849 | 105,831,751 |
| From Lea and from other Sources | 436,478 | 445,291 | 87,532,559 | 94,049,420 |
| Thames. | | | | |
| Chelsea | 37,444 | 37,905 | 11,769,628 | 11,401,435 |
| West Middlesex | 81,065 | 82,310 | 18,934,708 | 20,209,492 |
| Southwark and Vauxhall | 120,323 | 121,528 | 32,746,114 | 31,791,240 |
| Grand Junction | 61,278 | 62,269 | 18,766,412 | 18,744,284 |
| Lambeth | 106,280 | 109,152 | 22,052,987 | 23,685,300 |
| Lea and other Sources. | | | | |
| New River | 161,788 | 163,781 | 32,672,000 | 34,420,031 |
| East London | 189,822 | 194,328 | 40,502,514 | 43,973,735 |
| Kent | 84,868 | 87,182 | 14,358,045 | 15,655,654 |

*Note.*—The Return for April 1898, as compared with that for the corresponding month of 1897, shows an increase of 15,587 services and an increase of 8,078,763 gallons of water supplied daily.

---

## Analysis of Metropolitan Water Supply during April 1898.

*Water-analysis Laboratory, The Yews, Reigate,*
*4th May*, 1898.

Sir,

I have to report to you the results of the chemical analysis, and of the physical and bacterioscopic examination, of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of April.

At the request of the Associated Metropolitan Water Companies, I have extended these monthly examinations to (*a*) the bacterioscopic and chemical condition of the raw river waters at the intakes of the various Companies, and (*b*) to the bacteriology of the water as it issues from the filter beds of each Company, and before it is pumped into the distributing mains.

I append, also, the results obtained in the analyses of the waters supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill, of Birmingham, and Dr. Mills, of Glasgow.

## *Analysis of Metropolitan Waters.*

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

| | Companies or Local Authorities. | Date and Place of Collection. | Temperature in Centigrade degrees. | Total Solid Matter. | Organic Carbon. | Organic Nitrogen. | Ammonia. | Nitrogen as Nitrates and Nitrites. | Total Combined Nitrogen. | Chlorine. | Total Hardness. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Inner Circle. | THAMES. (Unfiltered water) - | April 16th, Grand Junction Co.'s intake at Hampton. | 13·0° | 27·68 | ·241 | ·057 | ·005 | ·158 | ·219 | 1·7 | 20·6 |
| | Chelsea - - - | April 20th, Cab Rank, Horse Guards, Whitehall. | 10·5 | 27·70 | ·131 | ·018 | 0 | ·199 | ·217 | 1·8 | 18·3 |
| | West Middlesex - | April 20th, Cab Rank, Riding House-street. | 8·4 | 26·98 | ·130 | ·015 | 0 | ·205 | ·220 | 1·8 | 17·7 |
| | Southwark - - | April 20th, Cab Rank, St. George's Church, Borough. | 11·9 | 27·88 | ·127 | ·018 | 0 | ·190 | ·208 | 1·7 | 18·3 |
| | Grand Junction - | April 20th, Cab Rank, Portman-street, Oxford-street. | 11·2 | 26·10 | ·135 | ·022 | 0 | ·165 | ·187 | 1·7 | 17·7 |
| | Lambeth - - - | April 20th, Cab Rank, St. George's-road, Southwark. | 11·4 | 27·20 | ·140 | ·020 | 0 | ·194 | ·214 | 1·8 | 18·0 |
| | LEA. (Unfiltered water) - | April 19th, New River Cut at Green Lanes. | 11·6 | 30·56 | ·116 | ·020 | ·005 | ·194 | ·218 | 1·6 | 21·8 |
| | New River - - | April 20th, Cab Rank, Tottenham Court-road. | 10·9 | 28·92 | ·061 | ·011 | 0 | ·209 | ·220 | 1·7 | 20·6 |
| | (Unfiltered water) - | April 19th, Lea, at East London Co.'s intake at Angel-road. | 12·0 | 31·72 | ·362 | ·061 | ·009 | ·161 | ·230 | 2·0 | 20·3 |
| | East London - - | April 20th, Cab Rank, Sidney-street, E. | 11·6 | 30·60 | ·104 | ·021 | 0 | ·189 | ·210 | 2·0 | 21·5 |
| Outer Circle. | DEEP WELLS. Kent - - - - | April 18th, Police Station, Blackheath-road. | 12·1 | 38·76 | ·033 | ·004 | 0 | ·513 | ·517 | 2·2 | 27·5 |
| | East London - - | April 23rd, Waltham Abbey Well. | — | 27·76 | ·064 | ·012 | ·017 | ·008 | ·034 | 2·0 | 19·3 |
| | Corporation of Birmingham* - - - - | April 16th, Rear of 105, Duddeston Mill-road. | 7·2 | 34·0 | ·260 | ·040 | 0 | ·2 | ·240 | 1·7 | 27·0 |
| | Corporation of Glasgow† | April 15th, Loch Katrine water. | 7·4 | 2·64 | ·272 | ·015 | 0 | ·003 | ·018 | ·7 | ·9 |
| | Column 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. |

* Analysed by Dr. Alfred Hill, F.I.C., Medical Officer of Health and Analyst to the City.

† Analysed by Dr. E. J. Mills, F.R.S., of the Glasgow and West of Scotland Technical College.

All the numbers contained in columns 4, 5, 6, 7, 8, 9, 10, and 11, relate to 100,000 parts of the waters. The Table is to be read thus :—The Thames water collected on the 16th of April at the Grand Junction Company's intake at Hampton had a temperature of 13·0° C.; 100,000 lbs. of it contained 27·68 lbs. of solid matter in solution; the organic substances, constituting a portion of this matter, contained ·241 lb. of carbon and ·057 lb. of nitrogen. The above quantity of water also contained ·005 lb. of ammonia and ·158 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was ·219 lb. The above weight of water also contained 1·7 lb. of chlorine, and 20·6 lbs. of carbonate of lime, or an equivalent amount of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

Taking the average amount of organic impurity in a given volume of Kent Company's water during the nine years ending December 1876, as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies, was :—Kent 0·6, New River 1·2, East London (deep well) 1·3, (river supply) 2·1, Southwark 2·4, Chelsea and West Middlesex 2·5, Grand Junction 2·6, and Lambeth 2·7. The unfiltered waters contained the following proportions :—Thames at Hampton 5·1, New River Cut 2·3, and Lea at Angel Road 7·2.

The Thames at Hampton was, on April 16th, turbid and yellow in colour; it was of bad chemical and indifferent bacterial quality; but the water supplied by the five Companies drawing from this river was, in every case, efficiently filtered before delivery, and of good quality for dietetic purposes. The bacterial improvement effected by these Companies is expressed by the following percentage numbers :—Chelsea 99·84, West Middlesex 99·77, Southwark (No. 4 filter well) 100, (No. 5 filter well) 98·44, (general supply from Hampton) 96·28, Grand Junction (general filter well at Hampton) 99·51, (general filter well at Kew) 98·98 (South filter well at Kew) 99·81, and Lambeth 99·77.

The New River Cut, before entering the storage and subsidence reservoirs of the New River Company, was, on April 19th, turbid and very pale yellow in colour. It was of excellent chemical, and good bacterial, quality. After efficient filtration, it was delivered to consumers in most excellent chemical and bacterial condition; ranking, in these respects, with the deep well waters. The bacterial improvement is expressed by the following percentage numbers :—Filter well No. 2 99·74, filter well No. 5 99·47, and general filter well 99·15.

The water drawn from the Lea at Angel-road by the East London Company was, on the 19th of April, turbid and yellow in colour. It was of bad chemical, but good bacterial, quality. After storage and efficient filtration, it was delivered in excellent chemical condition; but the bacteria, in two out of the three filter wells examined, were considerably in excess of the standard. Nevertheless, the bacterial improvement was expressed by the following percentage numbers :—No. 1 Essex filter well 93·58, No. 2 Essex well 53·70, and Middlesex well 99·57.

The deep well water of the Kent Company was clear and bright without filtration, but that of the East London Company was very slightly turbid. Both waters were of excellent chemical quality, and the Kent Company's supply, from the "Bath" well at Deptford, contained only two microbes per cubic centimetre capable of developing on a gelatine-peptone plate.

Seen through a stratum two feet deep, the Kent water was clear and colourless, the East London (deep well) very slightly turbid and colourless, the New River clear and nearly colourless, and the remaining waters clear and very pale yellow.

The bacterioscopic examination of the river waters, before and after storage, and of the supplies delivered by the various Companies, and collected on the 16th, 18th, and 19th of April, yielded, after prolonged incubation, the results contained in the following Table :—

| Description. | Microbes per c.c. | Temp. C. |
|---|---|---|
| **Raw and Stored River Waters.** | | ° |
| River Thames at Hampton, April 16th | 6,080 | 13·0 |
| " " after storage for 12 days (Chelsea Company), April 16th | 400 | 11·5 |
| West Middlesex Company's water, from new storage, April 18th | 1,080 | 11·9 |
| Grand Junction Company's water arriving at Kew from Hampton, April 18th | 260 | 11·7 |
| " " " " at Kew Bridge, passing to filters, April 18th | 300 | 12·8 |
| Lambeth Company's water passing to filter 5, April 16th | 1,520 | 11·3 |
| New River Cut before passing through reservoirs, April 19th | 1,520 | 11·6 |
| " " " after " " " | 280 | 11·0 |
| River Lea at Angel-road, April 19th | 2,350 | 12·0 |
| " " after storage (East London Company), April 19th | 2,700 | 11·1 |
| **Filtered River Waters as supplied.** | | |
| **Thames.** | | |
| Chelsea Company's general well, April 16th | 10 | 10·9 |
| West Middlesex Company's general well, April 18th | 14 | 10·9 |
| Southwark Company's No. 4 filter well, April 16th | 0 | 11·2 |
| " " " 5 " " " | 96 | 11·7 |
| " " " tap on filtered water main at Hampton works, April 16th | 226 | 12·0 |
| Grand Junction Company's general filter well at Hampton, April 16th | 30 | 11·0 |
| " " " " " " Kew Bridge, April 18th | 62 | 12·0 |
| " " " South " " " | 12 | 12·0 |
| Lambeth Company's general filter well, April 16th | 14 | 11·2 |
| **Lea.** | | |
| New River Company's general filter well, April 19th | 13 | 10·9 |
| " " " No. 2 " " " | 4 | 10·8 |
| " " " No. 5 " " " | 8 | 10·9 |
| East London Company's No. 1 Essex filter well, April 19th | 151 | 10·8 |
| " " " No. 2 " " " " | 1,088 | 10·9 |
| " " " Middlesex " " " | 10 | 10·7 |
| **Deep-well.** | | |
| Kent Company's "Bath" well at Deptford, April 18th | 2 | 11·3 |

Dr. Hill, F.I.C., Medical Officer of Health for Birmingham, reports that the water supplied to that City was "clear and pale green in a two-foot tube."

Dr. Mills, F.R.S., of the Glasgow and West of Scotland Technical College, reports that the water supplied to that City from Loch Katrine was "light brown in colour, and contained a little suspended matter. The organic carbon and temperature were higher than usual."

I am, &c.,

E. FRANKLAND.

The Registrar-General, &c., &c.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Registered during the Week ending 7th May 1898. Births. | Registered during the Week ending 7th May 1898. Deaths. | Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Deaths from Measles. | Deaths from Scarlet Fever. | Deaths from Diphtheria. | Deaths from Whooping-cough. | Deaths from Fever. | Deaths from Diarrhœa. | Deaths from Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Annual Rate per 1000, corresponding to the Week's Deaths. From All Causes. | Annual Rate per 1000, corresponding to the Week's Deaths. From Diseases in Cols. 6–12. | Temperature of the Air. Highest. Fahrenheit. | Temperature of the Air. Lowest. Fahrenheit. | Temperature of the Air. Mean. Fahrenheit. | Temperature of the Air. Mean. Centigrade. | Rainfall. In Inches. | Rainfall. In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18 | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| 33 Towns - | **11,218,378** | **6351** | **3750** | **864** | **889** | **1** | **157** | **29** | **50** | **114** | **23** | **34** | **135** | **279** | **821** | **51** | **17·4** | **1·9** | **68·0** | **36·2** | **49·1** | **9·50** | **0·70** | **1·78** | 33 Towns. |
| London - - | 4,504,766 | 2449 | 1464 | 297 | 361 | - | 99 | 10 | 27 | 52 | 5 | 13 | 61 | 130 | 440 | 14 | 16·9 | 2·4 | 68·0 | 41·3 | 51·9 | 11·06 | 0·58 | 1·47 | London. |
| West Ham - - | 286,654 | 150 | 68 | 22 | 10 | - | 1 | - | 3 | 3 | 1 | - | 2 | 4 | 10 | - | 12·4 | 1·5 | - | - | - | - | - | - | West Ham. |
| Croydon - - | 124,421 | 65 | 26 | 5 | 7 | - | - | - | - | 1 | - | - | 1 | 3 | 3 | - | 10·9 | 0·4 | 68·0 | 38·5 | 50·6 | 10·33 | 0·78 | 1·98 | Croydon. |
| Brighton - - | 122,310 | 60 | 35 | 5 | 13 | - | 1 | - | - | 1 | - | - | 1 | 1 | 4 | - | 14·9 | 0·9 | 64·4 | 43·4 | 52·5 | 11·39 | 0·86 | 2·18 | Brighton. |
| Portsmouth - | 186,618 | 91 | 45 | 12 | 14 | - | - | - | - | 1 | - | - | 1 | 4 | 4 | 1 | 12·6 | 0·3 | - | - | - | - | - | - | Portsmouth. |
| Plymouth - - | 99,136 | 57 | 29 | 8 | 8 | - | - | - | - | 1 | - | 1 | - | 1 | 3 | - | 15·3 | 1·1 | - | - | - | - | - | - | Plymouth. |
| Bristol - - | 316,900 | 169 | 94 | 17 | 29 | - | 7 | 1 | - | - | 1 | 2 | 2 | 3 | 16 | 2 | 15·5 | 1·8 | 62·0 | 39·0 | 48·6 | 9·22 | 1·26 | 3·20 | Bristol. |
| Cardiff - - | 177,770 | 102 | 44 | 8 | 6 | - | 3 | - | 2 | - | - | - | 1 | 2 | 8 | - | 12·9 | 1·5 | - | - | - | - | - | - | Cardiff. |
| Swansea - - | 102,001 | 54 | 26 | 6 | 3 | - | 1 | - | - | - | - | - | 1 | 1 | 3 | - | 13·3 | 0·5 | - | - | - | - | - | - | Swansea. |
| Wolverhampton | 88,051 | 64 | 30 | 9 | 5 | - | 2 | - | - | - | - | 2 | - | 3 | 13 | 1 | 17·8 | 2·4 | 58·9 | 36·2 | 46·3 | 7·94 | 0·58 | 1·47 | Wolverhampton. |
| Birmingham - | 510,343 | 307 | 184 | 60 | 32 | - | 2 | 1 | 1 | 5 | 1 | 2 | 5 | 8 | 43 | 4 | 18·8 | 1·2 | - | - | - | - | - | - | Birmingham. |
| Norwich - - | 111,699 | 60 | 34 | 9 | 16 | - | - | - | 1 | 1 | - | - | 3 | 4 | 4 | 1 | 15·9 | 0·9 | 64·4 | 39·6 | 49·4 | 9·67 | 1·03 | 2·62 | Norwich. |
| Leicester - - | 208,662 | 123 | 64 | 15 | 19 | - | 3 | - | 2 | - | - | - | 1 | 3 | 11 | 1 | 16·0 | 1·2 | - | - | - | - | - | - | Leicester. |
| Nottingham - | 236,137 | 124 | 74 | 19 | 18 | - | 1 | - | 2 | - | 2 | 2 | 4 | 5 | 15 | 1 | 16·3 | 1·5 | 60·1 | 38·3 | 47·8 | 8·78 | 0·92 | 2·34 | Nottingham. |
| Derby - - - | 104,834 | 51 | 36 | 7 | 12 | - | 1 | 2 | - | 1 | - | 1 | 1 | 3 | 6 | - | 17·9 | 2·5 | - | - | - | - | - | - | Derby. |
| Birkenhead - | 113,189 | 63 | 30 | 9 | 11 | - | - | - | - | - | - | - | - | 3 | 1 | - | 13·8 | - | - | - | - | - | - | - | Birkenhead. |
| Liverpool - - | 633,645 | 426 | 318 | 68 | 46 | - | 6 | 5 | 3 | 14 | 5 | 1 | 16 | 24 | 72 | 10 | 26·2 | 2·8 | 61·8 | 41·5 | 48·8 | 9·33 | 0·38 | 0·97 | Liverpool. |
| Bolton - - | 122,495 | 58 | 32 | 5 | 9 | - | - | - | - | - | 1 | 1 | 1 | 2 | 3 | 1 | 13·6 | 0·9 | - | - | - | - | - | - | Bolton. |
| Manchester - | 539,079 | 351 | 211 | 43 | 49 | - | 6 | 2 | 2 | 5 | 3 | 4 | 11 | 23 | 47 | - | 20·4 | 2·1 | - | - | - | - | - | - | Manchester. |
| Salford - - | 215,702 | 143 | 74 | 24 | 15 | - | 2 | 1 | - | 4 | 1 | - | 2 | 3 | 7 | 3 | 17·9 | 1·9 | - | - | - | - | - | - | Salford. |
| Oldham - - | 148,288 | 56 | 60 | 15 | 16 | - | 1 | - | - | - | - | 1 | 2 | 5 | 4 | - | 21·1 | 0·7 | - | - | - | - | - | - | Oldham. |
| Burnley - - | 109,546 | 58 | 28 | 7 | 2 | - | - | - | - | - | - | - | 1 | 2 | 1 | - | 13·3 | - | - | - | - | - | - | - | Burnley. |
| Blackburn - - | 133,228 | 76 | 49 | 11 | 16 | - | - | - | 1 | - | 1 | - | 4 | 4 | 4 | 1 | 19·2 | 0·8 | - | - | - | - | - | - | Blackburn. |
| Preston - - | 116,356 | 47 | 39 | 10 | 15 | - | - | - | - | - | - | - | 1 | 2 | 7 | 1 | 17·5 | - | - | - | - | - | - | - | Preston. |
| Huddersfield - | 102,454 | 58 | 41 | 5 | 17 | - | - | - | - | - | - | - | - | 1 | 5 | - | 20·9 | - | 60·5 | 40·4 | 47·3 | 8·50 | 0·30 | 0·76 | Huddersfield. |
| Halifax - - | 96,729 | 40 | 26 | 4 | 10 | - | 2 | - | - | - | - | - | 1 | 1 | 5 | 1 | 14·0 | 1·1 | - | - | - | - | - | - | Halifax. |
| Bradford - - | 233,737 | 120 | 74 | 23 | 16 | - | 6 | - | 1 | 1 | - | - | 1 | 2 | 8 | 2 | 16·5 | 1·8 | 61·0 | 43·4 | 49·9 | 9·94 | 0·58 | 1·47 | Bradford. |
| Leeds - - - | 416,618 | 227 | 146 | 32 | 31 | - | 2 | 3 | 1 | 3 | - | - | 4 | 15 | 24 | - | 18·3 | 1·1 | - | - | - | - | - | - | Leeds. |
| Sheffield - - | 356,478 | 231 | 122 | 38 | 26 | - | 5 | 1 | 1 | 7 | 2 | 2 | 1 | 2 | 15 | 2 | 17·8 | 2·6 | - | - | - | - | - | - | Sheffield. |
| Hull - - - | 229,887 | 154 | 62 | 18 | 18 | - | 2 | 1 | - | 4 | - | 1 | - | 2 | 8 | 2 | 14·1 | 1·8 | 63·0 | 37·0 | 47·5 | 8·61 | 0·46 | 1·17 | Hull. |
| Sunderland - | 143,849 | 119 | 56 | 20 | 7 | - | 1 | - | - | 1 | - | 1 | 5 | 6 | 4 | 1 | 20·3 | 1·1 | - | - | - | - | - | - | Sunderland. |
| Gateshead - - | 103,775 | 73 | 40 | 12 | 6 | 1 | - | 1 | 1 | 2 | - | - | - | 3 | 2 | - | 20·1 | 2·5 | - | - | - | - | - | - | Gateshead. |
| Newcastle - | 223,021 | 125 | 89 | 21 | 26 | - | 3 | 1 | 2 | 7 | - | - | 1 | 4 | 21 | 2 | 20·8 | 3·0 | - | - | - | - | - | - | Newcastle. |

* See note * on first page of this return.

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the EIGHTEENTH Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2650 | 2712 | 2613 | 2658 | 2735 | 2625 | 2637 | 2837 | 2565 | 2638 | 2806·5 | 2449 |
| Males - - | 1328 | 1393 | 1373 | 1408 | 1394 | 1338 | 1288 | 1421 | 1322 | 1365 | 1434·3 | 1232 |
| Females - | 1322 | 1319 | 1240 | 1250 | 1341 | 1287 | 1349 | 1416 | 1243 | 1273 | 1372·2 | 1217 |
| TOTAL **Deaths** - | 1429 | 1386 | 1533 | 2069 | 1549 | 1576 | 1428 | 1395 | 1570 | 1323 | 1605·6 | 1464 |
| Males - - | 719 | 729 | 811 | 1056 | 819 | 805 | 756 | 729 | 815 | 720 | 837·5 | 761 |
| Females - - | 710 | 657 | 722 | 1013 | 730 | 771 | 672 | 666 | 755 | 603 | 768·1 | 703 |

* The numbers in this column are the average weekly numbers in the eighteenth week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | Feb. 12. | Feb. 19. | Feb. 26. | Mar. 5. | Mar. 12. | Mar 19. | Mar. 26. | Apr. 2. | Apr. 9. | Apr. 16. | Apr. 23. | Apr. 30. | May 7. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** - - - | 2843 | 2527 | 2644 | 2585 | 2736 | 2576 | 2218 | 2860 | 2415 | 2623 | 2769 | 2522 | 2449 |
| TOTAL **Deaths** - - - | 1922 | 1856 | 1889 | 1805 | 1854 | 1869 | 1731 | 1883 | 1691 | 1648 | 1546 | 1485 | 1404 |
| Ages at Death: Under 1 year - - | 366 | 392 | 398 | 384 | 381 | 367 | 331 | 386 | 368 | 377 | 336 | 346 | 297 |
| 1—5 years - - | 318 | 318 | 324 | 302 | 340 | 311 | 358 | 338 | 295 | 285 | 283 | 265 | 272 |
| 5—20 " - - | 93 | 75 | 100 | 98 | 97 | 83 | 98 | 84 | 86 | 76 | 88 | 80 | 60 |
| 20—40 " - - | 230 | 221 | 226 | 218 | 202 | 206 | 202 | 198 | 195 | 186 | 194 | 181 | 198 |
| 40—60 " - - | 342 | 334 | 363 | 334 | 340 | 360 | 314 | 344 | 309 | 290 | 300 | 283 | 276 |
| 60—80 " - - | 467 | 423 | 391 | 379 | 383 | 425 | 344 | 424 | 364 | 362 | 272 | 274 | 300 |
| 80 years and upwards | 106 | 93 | 87 | 90 | 111 | 117 | 84 | 109 | 74 | 72 | 73 | 56 | 52 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox - - - - - | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Measles - - - - - | 87 | 100 | 106 | 115 | 141 | 134 | 143 | 115 | 108 | 117 | 131 | 107 | 99 |
| Scarlet Fever - - - | 19 | 9 | 11 | 8 | 8 | 10 | 15 | 22 | 19 | 12 | 10 | 13 | 10 |
| Diphtheria - - - - | 45 | 33 | 46 | 38 | 33 | 36 | 53 | 45 | 29 | 34 | 31 | 39 | 27 |
| Whooping-cough - - - | 67 | 53 | 52 | 49 | 59 | 56 | 59 | 63 | 64 | 59 | 53 | 70 | 52 |
| Typhus - - - - - | – | – | – | – | – | – | 1 | 1 | – | – | – | – | – |
| Enteric Fever - - - | 6 | 8 | 9 | 11 | 7 | 10 | 1 | 7 | 9 | 7 | 5 | 7 | 5 |
| Simple Continued Fever - | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| Diarrhœa and Dysentery .. | 12 | 8 | 8 | 11 | 9 | 11 | 9 | 9 | 15 | 12 | 10 | 10 | 13 |
| Cholera - - - - - - | – | – | – | – | – | – | – | – | – | – | – | – | – |
| All the above Diseases - | 236 | 211 | 232 | 232 | 257 | 257 | 281 | 262 | 244 | 241 | 241 | 246 | 206 |
| Dis. of Respiratory System - | 468 | 438 | 416 | 425 | 429 | 430 | 402 | 451 | 372 | 305 | 283 | 274 | 226 |
| Phthisis - - - - - | 192 | 180 | 179 | 172 | 192 | 184 | 143 | 160 | 146 | 138 | 154 | 153 | 158 |
| Dis. of Circulatory System - | 164 | 141 | 161 | 153 | 141 | 136 | 137 | 147 | 140 | 141 | 129 | 131 | 116 |
| Violence - - - - | 61 | 77 | 74 | 53 | 68 | 59 | 84 | 53 | 78 | 76 | 54 | 61 | 61 |
| Inquest Cases - - - - | 159 | 169 | 174 | 142 | 175 | 157 | 160 | 141 | 137 | 158 | 123 | 142 | 130 |
| Deaths in Public Institutions - | 532 | 551 | 515 | 477 | 471 | 543 | 542 | 544 | 529 | 461 | 472 | 447 | 440 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean - - - - - - | 43°·0 | 42°·7 | 37°·6 | 38°·9 | 37°·7 | 45°·7 | 37°·5 | 40°·7 | 49°·3 | 49°·3 | 46°·4 | 48°·3 | 51°·9 |
| Mean of Highest readings - | 48·3 | 47·6 | 44·8 | 46·2 | 43·9 | 52·6 | 44·8 | 48·3 | 59·3 | 57·4 | 56·8 | 57·5 | 59·9 |
| Mean of Lowest readings - | 37·8 | 38·3 | 31·4 | 33·5 | 32·3 | 38·6 | 31·5 | 34·4 | 40·6 | 42·2 | 37·6 | 40·4 | 44·8 |
| Humidity of the Air - - | 81 | 80 | 76 | 81 | 76 | 78 | 84 | 79 | 67 | 72 | 73 | 81 | 75 |
| Rain-fall (in inches) - - | 0·20 | 0·35 | 0·21 | 0·59 | 0·01 | 0·25 | 0·56 | 0·15 | 0·13 | 0·31 | 0·00 | 0·49 | 0·58 |
| Registered Sunshine (in hours) | 7·0 | 9·4 | 25·8 | 15·1 | 18·0 | 13·3 | 16·5 | 28·9 | 47·8 | 25·8 | 46·4 | 23·9 | 36·6 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox - - - - - | – | – | – | 1 | 1 | 1 | 1 | – | – | – | – | – | – |
| Scarlet Fever - - - - | 2871 | 2781 | 2674 | 2534 | 2445 | 2419 | 2371 | 2377 | 2421 | 2384 | 2334 | 2302 | 2271 |
| Diphtheria - - - - | 1042 | 1058 | 1061 | 1047 | 1027 | 1024 | 1022 | 1009 | 1004 | 962 | 953 | 930 | 942 |
| Enteric Fever - - - - | 93 | 87 | 84 | 82 | 84 | 79 | 72 | 64 | 62 | 61 | 67 | 59 | 54 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and T. Boobbyer Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S. Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.

BLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the EIGHTEENTH Week of the Year 1898.

| USES OF DEATH. | Corrected Averages for the 18th Week of the 10 years 1888-97*. | In the Week ending Saturday, 7th May 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| USES - - - | 1605·6 | 1464 | 297 | 272 | 60 | 198 | 276 | 309 | 52 |
| Vaccinated† - | 0·6 | - | - | - | - | - | - | - | - |
| Unvaccinated | 0·4 | - | - | - | - | - | - | - | - |
| No Statement | 0·6 | - | - | - | - | - | - | - | - |
| s - - - - | 74·5 | 99 | 18 | 76 | 3 | 1 | 1 | - | - |
| Fever - - - | 17·5 | 10 | 1 | 8 | 1 | - | - | - | - |
| s - - - - | 0·2 | - | - | - | - | - | - | - | - |
| ing Fever - - | - | - | - | - | - | - | - | - | - |
| za - - - - | 28·6 | 17 | - | - | 1 | 4 | 5 | 6 | 1 |
| ing-cough - - | 68·3 | 52 | 25 | 26 | 1 | - | - | - | - |
| eria - - - | 32·9 | 27 | 2 | 23 | 2 | - | - | - | - |
| Continued and efined Fever - | 0·3 | - | - | - | - | - | - | - | - |
| c Fever - - - | 8·4 | 5 | - | 1 | 1 | 1 | 2 | - | - |
| a and Chol. Diarr. | 0·1 | - | - | - | - | - | - | - | - |
| œa, Dysentery - | 17·3 | 13 | 7 | 1 | - | 1 | 2 | 2 | - |
| ent Fever - - | 0·2 | - | - | - | - | - | - | - | - |
| phobia - - - | - | - | - | - | - | - | - | - | - |
| rs - - - - | - | - | - | - | - | - | - | - | - |
| x and Effects of nation - - | 0·1 | - | - | - | - | - | - | - | - |
| al Affections - - | 6·6 | 6 | 5 | - | - | - | 1 | - | - |
| elas - - - | 4·2 | 6 | 1 | 1 | - | - | 3 | 1 | - |
| a and Septicæmia | 1·9 | 2 | - | - | - | - | 2 | - | - |
| ral Fever - - | 5·1 | 2 | - | - | - | 2 | - | - | - |
| Zymotic Diseases | 1·9 | 2 | 1 | - | - | - | 1 | - | - |
| n - - - - | 1·2 | - | - | - | - | - | - | - | - |
| and other Parasitical Diseases - | 0·4 | 1 | - | - | - | - | 1 | - | - |
| tion, Want of st-milk - - | 2·2 | - | - | - | - | - | - | - | - |
| lism - - - | 8·0 | 18 | - | - | - | 7 | 8 | 3 | - |
| natic Fever, rmatism of Heart | 6·5 | 2 | - | - | 1 | - | 1 | - | - |
| natism - - - | 1·8 | 1 | - | - | - | 1 | - | - | - |
| - - - - - | 4·3 | 2 | - | - | - | 1 | - | 1 | - |
| s - - - - | 6·1 | 8 | 4 | 4 | - | - | - | - | - |
| - - - - - | 66·0 | 80 | - | - | - | 9 | 33 | 38 | - |
| Mesenterica - - | 18·7 | 15 | 10 | 3 | 1 | 1 | - | - | - |
| cular Meningitis - | 26·3 | 24 | 3 | 17 | 3 | 1 | - | - | - |
| is - - - - | 157·8 | 158 | 3 | 5 | 11 | 73 | 50 | 15 | 1 |
| la, Tuberculosis - | 22·0 | 19 | 3 | 8 | 4 | 2 | 2 | - | - |
| Constitutional ases - - | 12·7 | 8 | - | - | - | - | 2 | 6 | - |
| ture Birth - - | 46·5 | 47 | 47 | - | - | - | - | - | - |
| tasis - - - | 3·1 | 3 | 3 | - | - | - | - | - | - |
| nital Malformation - - - - | 8·3 | 11 | 11 | - | - | - | - | - | - |
| ge - - - - | 48·3 | 44 | - | - | - | - | - | 23 | 21 |
| exy - - - | 41·9 | 48 | - | 1 | - | 1 | 14 | 25 | 7 |
| sy - - - - | 7·8 | 7 | - | - | 1 | 3 | 1 | 2 | - |
| lsions - - - | 34·8 | 30 | 26 | 4 | - | - | - | - | - |
| Diseases of Brain Nervous System | 84·2 | 85 | 5 | 16 | 3 | 17 | 13 | 27 | 4 |
| es of Organs of ial Sense - | 2·4 | 1 | - | 1 | - | - | - | - | - |

| CAUSES OF DEATH | Corrected Averages for the 18th Week of the 10 years 1888-97*. | In the Week ending Saturday, 7th May 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 138·8 | 116 | 1 | 1 | 5 | 15 | 32 | 56 | 6 |
| Croup - - - - | 5·4 | 1 | - | 1 | - | - | - | - | - |
| Bronchitis - - - | 166·1 | 107 | 18 | 24 | 2 | 2 | 15 | 37 | 9 |
| Pneumonia - - - | 127·6 | 94 | 18 | 26 | 1 | 18 | 23 | 8 | - |
| Pleurisy - - - - | 8·0 | 4 | - | 1 | - | 1 | - | 2 | - |
| Other Diseases of Respiratory System - | 22·8 | 20 | 1 | 3 | 3 | 1 | 8 | 3 | 1 |
| Dentition - - - - | 11·8 | 7 | 5 | 2 | - | - | - | - | - |
| Quinsy, Sore Throat - | 1·6 | 3 | - | 2 | - | - | 1 | - | - |
| Enteritis - - - - | 10·2 | 13 | 6 | 1 | 3 | 1 | 1 | 1 | - |
| Peritonitis - - - | 6·4 | 12 | - | - | 4 | 4 | 1 | 3 | - |
| Diseases of Liver - - | 25·9 | 18 | 1 | - | - | 3 | 10 | 4 | - |
| Other Diseases of Digestive System | 32·6 | 37 | 10 | 2 | - | 1 | 10 | 14 | - |
| Diseases of Lymphatic System & of Ductless Glands - - - | 2·1 | 3 | - | - | 2 | 1 | - | - | - |
| Diseases of Urinary System - - - | 42·6 | 54 | 2 | - | 2 | 9 | 16 | 23 | 2 |
| Diseases of Generative System - - - | 5·9 | 1 | - | - | - | - | - | 1 | - |
| Accidents of Childbirth - | 4·5 | 8 | - | - | - | 8 | - | - | - |
| Diseases of Locomotive System - - - | 7·2 | 1 | - | - | 1 | - | - | - | - |
| Diseases of Integumentary System - - | 5·3 | 6 | 2 | 1 | - | - | 2 | 1 | - |
| VIOLENT DEATHS ‡ (ACCIDENT.) | | | | | | | | | |
| By Railways - - - | 48·8 | - | - | - | - | - | - | - | - |
| By Vehicles or Horses - | | 5 | - | 1 | - | 2 | 2 | - | - |
| In Ships, Boats, Docks, (exclusive of Drowning) - - - | | - | - | - | - | - | - | - | - |
| In Building Operations - | | - | - | - | - | - | - | - | - |
| In Conflagrations - - | | - | - | - | - | - | - | - | - |
| By Burns, Scalds, Explosions - - | | 7 | 2 | 4 | 1 | - | - | - | - |
| By Drowning - - - | | 7 | - | 2 | - | - | 4 | 1 | - |
| By Suffocation in Bed - | | 9 | 9 | - | - | - | - | - | - |
| By Poisons or Poisonous Vapours - - | | 2 | - | - | 1 | 1 | - | - | - |
| Other or not stated causes - - - - | | 23 | 5 | 3 | 2 | 3 | 5 | 5 | - |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - | 0·9 | 2 | 2 | - | - | - | - | - | - |
| Suicide - - - - | 10·3 | 6 | - | - | - | 3 | 3 | - | - |
| Execution - - - | - | - | - | - | - | - | - | - | - |
| OTHER CAUSES - - | 39·8 | 45 | 40 | 3 | - | - | 1 | 1 | - |

e numbers in this column are the average weekly deaths for the ten years 1888-97, raised by 5·230 per cent. for increase ulation.

ly those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered al men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

e evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of nt, murder manslaughter or suicide. All such cases are classed under "accident."

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 7th May, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2449 | 1464 | 297 | 361 | – | 99 | 10 | 27 | 52 | – | 5 | – | 13 | 61 | 130 | 440 | 14 |
| WEST DISTRICTS - - - | 778,251 | 351 | 279 | 39 | 87 | – | 30 | 2 | 3 | 4 | – | – | – | 1 | 13 | 28 | 80 | – |
| NORTH DISTRICTS - - - | 1,040,694 | 519 | 298 | 58 | 66 | – | 22 | – | 8 | 7 | – | 1 | – | 1 | 10 | 26 | 81 | 1 |
| CENTRAL DISTRICTS - - - | 233,635 | 127 | 91 | 27 | 16 | – | 3 | – | – | 3 | – | 1 | – | 1 | 6 | 8 | 29 | – |
| EAST DISTRICTS - - - | 716,334 | 536 | 274 | 64 | 64 | – | 13 | – | 4 | 12 | – | 1 | – | 4 | 9 | 29 | 96 | 1 |
| SOUTH DISTRICTS - - - | 1,642,796 | 916 | 488 | 109 | 121 | – | 31 | 7 | 12 | 26 | – | 2 | – | 6 | 23 | 39 | 120 | 12 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON * | — | – | 34 | – | 7 | – | – | 1 | – | – | – | – | – | – | – | – | 34 | – |
| WEST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 44 | 28 | 5 | 8 | – | 6 | – | – | – | – | – | – | – | 3 | 5 | 6 | – |
| St. John Paddington *H* - - G. | 33,510 | 6 | 14 | 1 | 1 | – | – | – | – | – | – | – | – | – | 4 | 4 | 6 | – |
| Kensington Town *Ww* - - W. | 122,164 | 62 | 58 | 5 | 25 | – | 9 | – | – | 1 | – | – | – | 1 | 1 | 2 | 19 | – |
| Brompton *HH*- - - W & C. | 48,301 | 5 | 7 | 2 | 3 | – | – | – | – | – | – | – | – | – | – | 1 | 1 | – |
| St. Peter Hammersmith - - W. | 9,097 | 5 | 3 | 2 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| St. Paul Hammersmith *HH* W. & G. | 25,102 | 49 | 32 | 6 | 8 | – | 4 | – | – | 1 | – | – | – | – | 3 | 4 | 4 | – |
| Fulham *Ww* - - - W. & C. | 113,781 | 75 | 45 | 7 | 11 | – | 1 | 2 | 3 | 2 | – | – | – | – | 1 | 5 | 14 | – |
| Chelsea Kensal Town - C. | 21,450 | 9 | 12 | 2 | 4 | – | 4 | – | – | – | – | – | – | – | – | 1 | – | – |
| Chelsea North *WHHHHH* - C. | 42,057 | 19 | 9 | 1 | 4 | – | 1 | – | – | – | – | – | – | – | – | – | 5 | – |
| Chelsea South *HH* - - C. | 33,139 | 15 | 8 | 1 | 2 | – | – | – | – | – | – | – | – | – | 1 | 2 | 2 | – |
| May Fair *W* - - - - G. | 23,827 | 5 | 8 | – | 5 | – | – | – | – | – | – | – | – | – | – | – | 5 | – |
| Belgrave *WHHH* - - - C. | 56,140 | 25 | 21 | 3 | 4 | – | 1 | – | – | – | – | – | – | – | – | 2 | 11 | – |
| St. John Westminster *HH* - C. | 31,492 | 19 | 7 | 1 | 1 | – | 2 | – | – | – | – | – | – | – | – | – | – | – |
| St. Margaret Westminster *H*- C. | 22,097 | 4 | 11 | 1 | 3 | – | – | – | – | – | – | – | – | – | – | 1 | 4 | – |
| St. James Westminster *WHH* N. & G. | 23,050 | 4 | 10 | 2 | 5 | – | 1 | – | – | – | – | – | – | – | – | 1 | 2 | – |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 5 | 6 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| NORTH DISTRICTS. | | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - - W. | 36,595 | 9 | 18 | 2 | 2 | – | 1 | – | – | – | – | – | – | – | 3 | 4 | 11 | – |
| Rectory Marylebone *W* G. & W. | 19,798 | 7 | 3 | – | – | – | – | – | – | – | – | – | – | – | 1 | 1 | 2 | – |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 25 | 7 | 4 | 1 | – | 3 | – | – | – | – | – | – | – | – | – | 2 | – |
| Christchurch Marylebone *H* - W | 32,547 | 14 | 11 | 7 | – | – | 4 | – | – | – | – | – | – | – | 1 | 2 | – | – |
| St. John Marylebone *HHH* W. | 32,611 | 16 | 12 | 4 | – | – | 2 | – | – | – | – | – | – | – | – | – | – | – |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 23 | 17 | – | 6 | – | – | – | 5 | – | – | – | – | – | – | – | 8 | – |
| Regent's Park Pancras *HH* - W. | 37,341 | 21 | 9 | 6 | 2 | – | 2 | – | – | – | – | – | – | – | – | – | 1 | – |
| Tottenham-court *wHHH* - N. & W. | 26,757 | 10 | 14 | 3 | 2 | – | – | – | – | – | – | – | – | – | – | – | 6 | – |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 16 | 13 | 4 | 1 | – | 1 | – | – | – | – | – | – | – | – | 2 | 5 | – |
| Somers Town *HH* - - - N. | 32,161 | 15 | 9 | 1 | 1 | – | 1 | – | – | 3 | – | – | – | – | – | 2 | 3 | – |
| Camden Town *WH* - - N. | 16,669 | 11 | 3 | – | 3 | – | – | – | – | – | – | – | – | – | – | – | 2 | – |
| Kentish Town *WW* - - N. | 98,410 | 55 | 25 | 5 | 6 | – | 1 | – | – | 1 | – | – | – | – | 1 | 2 | 3 | – |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 37 | 35 | 3 | 9 | – | 1 | – | – | 1 | – | – | – | – | – | 1 | 21 | – |
| Islington South-west H - N. | 107,365 | 67 | 21 | 3 | 6 | – | 3 | – | 1 | – | – | – | – | 1 | – | 1 | – | – |
| Islington South-east - - N. | 66,549 | 26 | 17 | 3 | 3 | – | 1 | – | – | 1 | – | – | – | – | – | – | – | – |
| Highbury *HH* - - - N. | 64,577 | 26 | 13 | 2 | 3 | – | – | – | – | – | – | 1 | – | – | 1 | 1 | 1 | 1 |
| Stoke Newington *H* - N. | 33,485 | 19 | 6 | 1 | 2 | – | – | – | – | – | – | – | – | – | 1 | 2 | – | – |
| North Hackney - - E. & N. | 213,044 | 21 | 12 | – | 6 | – | – | – | – | – | – | – | – | – | 1 | 2 | – | – |
| Central Hackney *ww* - E. & N. | | 28 | 10 | 3 | 1 | – | – | – | 2 | – | – | – | – | – | – | 2 | 1 | – |
| South-west Hackney *HHH* E. & N. | | 41 | 15 | 4 | 3 | – | 2 | – | – | 1 | – | – | – | – | – | 1 | 3 | – |
| South-east Hackney *WwH* E. & N. | | 32 | 28 | 3 | 9 | – | – | – | – | – | – | – | – | – | 1 | 3 | 12 | – |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers are received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. The Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River; E. East London; and K. the Kent Company.

* See note * on second page of this Return.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday, 7th May, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population. 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CENTRAL DISTRICTS. | | | | | | | | | | | | | | | | | | |
| St. George Bloomsbury - - N. | 16,110 | 7 | 3 | 1 | – | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| St. Giles South *WH* - - N. | 12,976 | 13 | 4 | 2 | – | – | 1 | – | – | – | – | – | – | – | 1 | 1 | 1 | – |
| St. Giles North *H* - - - N. | 9,151 | 3 | 4 | 1 | – | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| St. Martin-in-the-Fields *HH* N. & C. | 13,077 | 1 | 1 | – | – | – | – | – | – | – | – | 1 | – | – | – | – | – | – |
| Strand *WHH* - - - - N. | 11,839 | 4 | 8 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 5 | – |
| *Strand Union Workhouse, Edmonton* | †*1,037* | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Holborn *wHHHHHH* - N. | 31,042 | 17 | 13 | 6 | 3 | – | – | – | – | – | – | – | – | – | – | – | 10 | – |
| St. James Clerkenwell - - N. | 15,777 | 8 | 7 | 2 | 2 | – | – | – | – | 1 | – | – | – | – | 1 | 1 | – | – |
| Amwell Clerkenwell - - N. | 34,356 | 18 | 11 | 3 | 2 | – | – | – | – | – | – | – | – | 1 | – | 1 | – | – |
| Goswell-street - - - - N. | 16,069 | 12 | 5 | 2 | – | – | – | – | – | 1 | – | – | – | – | – | – | – | – |
| City-road *HHHL* - - - N. | 29,897 | 28 | 7 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Whitecross-street - - - N. | 7,595 | 2 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Finsbury - - - - - N. | 4,035 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| *Holborn Union Workhouse, Mitcham* - - - - | †*892* | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| St. Botolph *H* - - N. & E. | 6,870 | 1 | 4 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| Cripplegate - - - - N. | 3,299 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| St. Sepulchre *WH* - - - N. | 9,591 | 9 | 12 | 3 | 2 | – | – | – | – | 1 | – | – | – | – | 2 | 2 | 11 | – |
| Allhallows Barking - - - N. | 9,059 | 2 | 6 | 2 | 1 | – | – | – | – | – | – | – | – | – | 2 | 2 | – | – |
| Broad Street *H* - - - N. | 2,892 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| *City of London Asylum, Stone* - - | †*388* | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| EAST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| Shoreditch South *Hl* - E. & N. | 17,975 | 15 | 3 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Hoxton New Town *w* - - N. | 29,575 | 29 | 11 | 3 | 4 | – | 1 | – | – | – | – | – | – | – | – | 2 | 3 | – |
| Hoxton Old Town - - - N. | 27,645 | 17 | 5 | 3 | – | – | – | – | – | 1 | – | – | – | – | – | – | – | – |
| Haggerston *WH* - - N. & E. | 47,163 | 37 | 20 | 3 | 8 | – | – | – | 1 | 1 | – | – | – | 2 | – | 3 | 10 | – |
| Bethnal Green North *H* - E. | 49,301 | 38 | 24 | 10 | 2 | – | – | – | 1 | 2 | – | 1 | – | 1 | – | 2 | 3 | 1 |
| Bethnal Green South - - E. | 34,194 | 19 | 14 | 5 | 1 | – | 2 | – | – | 2 | – | – | – | – | – | – | – | – |
| Bethnal Green East *WHl* - E. | 45,667 | 23 | 17 | 5 | 3 | – | 1 | – | – | 2 | – | – | – | – | 1 | 1 | 10 | – |
| Spitalfields - - - E. & N. | 26,681 | 21 | 6 | 2 | 2 | – | – | – | – | 1 | – | – | – | – | – | 1 | – | – |
| Mile End New Town *W* - E. | 12,816 | 18 | 7 | 1 | 3 | – | – | – | – | – | – | – | – | – | – | 1 | 6 | – |
| Whitechapel Church *H* - E. & N. | 25,561 | 20 | 26 | 4 | 4 | – | 1 | – | 1 | – | – | – | – | – | 1 | 2 | 23 | – |
| Goodman's Fields - - - E. | 13,618 | 10 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| St. George's North - - - E. | 39,576 | 44 | 10 | 2 | 3 | – | 2 | – | 1 | – | – | – | – | – | – | 1 | – | – |
| St. John, St. George East *W* E. | 7,930 | 13 | 5 | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | 2 | – |
| Shadwell *H* - - - E. & N. | 10,434 | 10 | 12 | 3 | 3 | – | – | – | – | – | – | – | – | – | 2 | 3 | 6 | – |
| Ratcliff *W* - - - - E. | 14,954 | 10 | 5 | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| Limehouse - - - - E. | 32,917 | 29 | 6 | 2 | 1 | – | 1 | – | – | 1 | – | – | – | – | – | 1 | – | – |
| Mile End Old Town West *H* E. | 111,060 | 42 | 11 | 2 | 3 | – | 1 | – | – | – | – | – | – | – | 1 | 1 | 1 | – |
| Mile End Old Town East *WWww* - E. | | 29 | 21 | 4 | 7 | – | 1 | – | – | 2 | – | – | – | – | 1 | 3 | 10 | – |
| Bow *l* - - - - E. | 41,687 | 26 | 25 | 6 | 2 | – | – | – | – | – | – | – | – | 1 | 2 | 4 | 5 | – |
| Bromley *wwwH* - - - E. | 69,821 | 38 | 32 | 4 | 11 | – | 3 | – | – | – | – | – | – | – | – | – | 14 | – |
| Poplar *WW* - - - - E. | 57,759 | 48 | 13 | 2 | 6 | – | – | – | – | – | – | – | – | – | – | 1 | 2 | – |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX MEASLES SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 7th May, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Fever. | Continued Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WHL*.&S. | 13,064 | 9 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| St. Saviour Southwark - - S. | 12,301 | 4 | 5 | 2 | – | – | 1 | – | 1 | 1 | – | – | – | – | – | – | – | – |
| Kent-road - - - - S. & L. | 22,879 | 16 | 6 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Borough-road *WH* - S. & L | 16,083 | 7 | 13 | 4 | 2 | – | – | – | – | 2 | – | – | – | – | 2 | 2 | 6 | – |
| London-road *HL* - - L. & S. | 21,316 | 8 | 5 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Trinity Newington - - S. & L. | 28,723 | 23 | 6 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| St. Peter Walworth *W* - S. & L. | 62,045 | 38 | 16 | 2 | 7 | – | 1 | – | – | – | – | – | – | 1 | – | 1 | 1 | – |
| St. Mary Newington- - L. & S. | 30,171 | 26 | 6 | – | 1 | – | – | – | – | – | – | – | – | 1 | – | – | – | – |
| St. Olave *WH*- - - - S. | 11,731 | 3 | 17 | 1 | 2 | – | – | – | – | 1 | – | – | – | – | 4 | 4 | 13 | – |
| Leather Market *W* - S. & L. | 32,339 | 15 | 9 | 4 | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | 2 |
| St. James Bermondsey - - S. | 53,136 | 38 | 19 | 5 | 3 | – | 1 | – | – | 2 | – | – | – | – | 2 | 2 | – | – |
| Rotherhithe *WwH* - S. & K. | 40,379 | 28 | 21 | 2 | 10 | – | 1 | – | – | – | – | – | – | – | – | – | 11 | 1 |
| Waterloo-road *HH* - L. & S. | 28,396 | 27 | 9 | 5 | 1 | – | 1 | – | – | – | – | – | – | – | 3 | 4 | 1 | – |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 13 | 13 | 3 | 1 | – | 1 | – | – | – | – | – | – | – | 2 | 5 | 8 | – |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 28 | 26 | 3 | 10 | – | 1 | – | – | 1 | – | – | – | – | 1 | 2 | 16 | – |
| Kennington 1st *H* - - S. & L. | 52,486 | 24 | 10 | 1 | 4 | – | – | – | – | 1 | – | – | – | 1 | – | 1 | – | 1 |
| Kennington 2nd - - S. & L. | 43,244 | 19 | 8 | 1 | – | – | 1 | – | – | 2 | – | – | – | – | – | – | – | – |
| Brixton *w* - - - L. & S. | 81,825 | 38 | 16 | 5 | 5 | – | – | – | 1 | 2 | – | – | – | – | – | 1 | – | – |
| Norwood *WH*- - - - L. | 29,318 | 13 | 5 | 2 | 1 | – | – | – | – | 1 | – | – | – | – | – | – | – | – |
| East Battersea - - - - S. | 71,730 | 46 | 16 | 6 | 2 | – | 3 | – | – | – | – | – | – | – | 1 | 1 | – | – |
| West Battersea *WwH* - - S. | 93,385 | 55 | 31 | 10 | 4 | – | 4 | – | – | – | – | – | – | – | 2 | 2 | 9 | 1 |
| Clapham *H* - - - - S. | 46,953 | 23 | 7 | 1 | 3 | – | – | – | – | 1 | – | – | – | – | – | – | – | – |
| Wandsworth *WHHL* - - S. | 58,101 | 26 | 13 | 5 | 4 | – | 1 | – | – | 1 | – | – | – | 1 | – | – | – | 1 |
| Putney - - - - - S. | 20,566 | 13 | 5 | 1 | 1 | – | 1 | – | – | 1 | – | – | – | – | – | – | – | – |
| Streatham *Wwww*- - - L. | 61,644 | 32 | 19 | 1 | 8 | – | 1 | – | 4 | 1 | – | – | – | – | – | 1 | 3 | – |
| Dulwich - - - - L. & S. | 7,519 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Camberwell *Wwll* - S. & L. | 90,286 | 37 | 29 | 3 | 11 | – | – | – | 1 | – | – | 1 | – | – | 1 | 2 | 18 | – |
| Peckham *WW* - S., L., & K. | 88,242 | 41 | 18 | 5 | 2 | – | 4 | – | 1 | – | – | – | – | – | – | 1 | – | – |
| St. George Camberwell - L. & S. | 67,029 | 44 | 17 | 1 | 3 | – | 1 | – | – | – | – | – | – | – | 1 | 1 | – | – |
| Deptford North - - - K. | 36,152 | 25 | 14 | 4 | 2 | – | 4 | 1 | – | 1 | – | – | – | – | 1 | 2 | – | 2 |
| Deptford Central *w* - - K. | 45,441 | 24 | 16 | 3 | 1 | – | – | 2 | 3 | 4 | – | 1 | – | – | 1 | 2 | 6 | 1 |
| Deptford South - - - K. | 33,402 | 20 | 7 | 1 | 3 | – | – | – | – | 1 | – | – | – | – | – | – | – | – |
| Greenwich West *H* - - K. | 23,012 | 11 | 5 | – | 3 | – | – | – | – | 1 | – | – | – | – | – | – | – | – |
| Greenwich East *WH* - - K. | 37,767 | 27 | 16 | 2 | 3 | – | 1 | – | – | – | – | – | – | 1 | – | 1 | 12 | 1 |
| Eltham *wH* - - - - K. | 5,911 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Lee *H* - - - - - K. | 24,222 | 8 | 4 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | 1 | 1 | – |
| Lewisham *WwH* - - - K. | 38,139 | 20 | 13 | 3 | 1 | – | – | 3 | 1 | – | – | – | – | – | 1 | 1 | 6 | – |
| Sydenham *H* - - - - L. | 37,601 | 16 | 10 | 3 | 6 | – | – | – | – | 1 | – | – | – | – | – | – | – | – |
| Charlton *wHH* - - K. | 15,928 | 7 | 4 | 2 | 1 | – | – | 1 | – | – | – | – | – | – | 1 | 1 | 1 | – |
| Woolwich Dockyard - - K. | 19,355 | 7 | 9 | 4 | 2 | – | 2 | – | – | 1 | – | – | – | – | – | – | – | 1 |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 12 | 6 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Plumstead West *H* - - K. | 16,714 | 13 | 5 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Plumstead East *WH* - - K. | 42,538 | 28 | 12 | 1 | 4 | – | 1 | – | – | – | – | – | – | 1 | – | – | 6 | 1 |
| Banstead Asylum - - - - | — | – | 6 | – | – | – | – | – | – | – | – | – | – | – | – | – | 6 | – |
| Caterham Asylum - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Cane Hill Asylum - - - - | — | – | 6 | – | – | – | – | – | – | – | – | – | – | – | – | – | 6 | – |
| Hospital Ships and Camp, Dartford | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Darenth Asylum - - - - | — | – | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – | 3 | – |
| Hanwell Asylum - - - - | — | – | 3 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 3 | – |
| Colney Hatch Asylum - - - | — | – | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 2 | – |
| N.E. Hospital - - - - - | — | – | 1 | – | – | – | – | 1 | – | – | – | – | – | – | – | – | 1 | – |
| Winchmore Hill Hospital - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Leavesden Asylum - - - - | — | – | 7 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 7 | – |
| Claybury Asylum - - - - | — | – | 6 | – | 4 | – | – | – | – | – | – | – | – | – | – | – | 6 | – |

TABLE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 7th May, 1898.

| Registration District and Sub-district Numbers. | REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years & upwds. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LONDON—OUTER RING - | 368,749 | 1,422,063 | 979 | 411 | 105 | 113 | - | 21 | 1 | 13 | 19 | 1 | 1 | 11 | 28 | 47 | 1 |
| 30 : 1 | Carshalton *wHH* - - | 12,228 | 26,108 | 12 | 5 | 3 | 1 | - | - | - | - | - | - | - | - | 1 | - | - |
| 2 | Epsom, *part of* WwHH* - | 10,423 | 12,508 | 1 | 4 | 1 | 2 | - | - | - | - | - | - | - | - | - | 2 | - |
| 37 : 1 | Godstone, *part of* W* - | 2,754 | 1,598 | - | 2 | - | 2 | - | - | - | - | - | - | - | - | - | 2 | - |
| 38 : 1 | Croydon *WwHHH* - - | 20,851 | 128,699 | 76 | 32 | 5 | 11 | - | - | - | - | 1 | - | - | 1 | 4 | 1 | - |
| 2 | Mitcham *w* - - - | 11,697 | 23,088 | 14 | 4 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - |
| 39 : 1 | Wimbledon *HHH* - - | 3,220 | 25,761 | 24 | 9 | 5 | 1 | - | - | - | 1 | - | - | - | - | - | - | - |
| 2 | Kingston *W* - - - | 8,071 | 33,566 | 15 | 10 | 2 | 4 | - | 1 | - | - | 1 | - | - | 1 | 1 | 1 | - |
| 3 | Surbiton *H-* - - - | | 11,199 | 1 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 4 | Esher, *part of* HH* - | 6,601 | 12,059 | 11 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 5 | Hampton *HL* - - - | 4,565 | 18,252 | 13 | 4 | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| 40 : 1 | Richmond *WH* - - - | 2,160 | 25,389 | 16 | 9 | 2 | 5 | - | - | - | - | 1 | - | - | 1 | 1 | 3 | - |
| 2 | Mortlake *H* - - - | 2,823 | 16,159 | 9 | 7 | 2 | 2 | - | - | - | - | 1 | - | 1 | - | 1 | - | - |
| 41 : 1 | Bromley *HHH* - - - | 9,127 | 23,815 | 11 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Beckenham *H* - - - | 6,542 | 21,969 | 14 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Chislehurst, *part of* WHH* | 14,307 | 20,372 | 13 | 3 | - | 3 | - | - | - | - | - | - | - | - | - | 1 | - |
| 42 : 1 | Bexley *HHH* - - - | 12,540 | 30,590 | 25 | 9 | 4 | - | - | 1 | - | 1 | 2 | - | - | - | - | - | 1 |
| 2 | Dartford *WH, part of** - | — | — | - | 2 | - | 2 | - | - | - | - | - | - | - | - | - | 2 | - |
| 124 : 1 | Sunbury *w* - - - | 11,054 | 13,671 | 9 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Staines *WH* - - - | 13,277 | 13,221 | 6 | 3 | 2 | 1 | - | 1 | - | - | - | - | - | - | - | 1 | - |
| 125 : 1 | Hillingdon *WHH* - - | 6,035 | 12,237 | 9 | 2 | - | 2 | - | - | - | - | - | - | - | - | - | 2 | - |
| 2 | Uxbridge - - - - | 12,757 | 7,253 | 3 | 4 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Hayes *wH* - - - - | 7,952 | 11,051 | 7 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 126 : 1 | Isleworth *WHH* - - | 6,967 | 26,004 | 10 | 16 | 2 | 7 | - | 4 | - | - | - | - | - | - | - | 8 | - |
| 2 | Twickenham *HH* - - | 2,415 | 16,027 | 12 | 7 | - | 2 | - | - | - | 1 | - | - | - | - | - | - | - |
| 3 | Brentford *HHHH* - - | 4,318 | 37,777 | 12 | 12 | 1 | 6 | - | - | - | - | 1 | - | - | - | - | - | - |
| 4 | Chiswick - - - - | 1,245 | 21,963 | 12 | 7 | - | 2 | - | 1 | - | - | - | - | - | - | - | - | - |
| 5 | Acton *wH* - - - - | 6,132 | 30,945 | 24 | 8 | 1 | 3 | - | - | - | - | - | - | - | - | - | - | - |
| 127 : 1 | Harrow *HHH* - - - | 13,809 | 15,715 | 15 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Edgware *HH* - - - | 6,994 | 3,844 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Willesden *HHH* - - | 4,383 | 61,265 | 61 | 21 | 6 | 2 | - | 7 | - | 1 | - | - | - | - | 2 | - | - |
| 4 | Hendon *WH* - - - | 8,382 | 15,843 | 11 | 4 | 1 | 1 | - | - | - | - | - | - | - | - | 2 | - | - |
| 128 : 1 | South Mimms *HH* - - | 21,077 | 6,367 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Barnet *WHH* - - - | | 14,152 | 10 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Finchley *HHH* - - - | 4,688 | 25,820 | 19 | 4 | - | 1 | - | - | - | - | - | - | - | - | 1 | 1 | - |
| 129 : 1 | Hornsey *HH* - - - | 3,039 | 61,097 | 31 | 10 | 3 | 3 | - | - | - | - | 2 | - | - | 1 | 1 | - | - |
| 2 | Tottenham *HH* - - - | 4,642 | 97,174 | 73 | 24 | 5 | 6 | - | - | - | 1 | 2 | - | - | 2 | 2 | 1 | - |
| 3 | Edmonton *Www* - - | 7,489 | 36,351 | 28 | 10 | 3 | 6 | - | - | - | - | - | - | - | - | 1 | 2 | - |
| 4 | Enfield *WWHH* - - | 12,602 | 31,536 | 23 | 9 | 1 | 5 | - | - | - | - | - | - | - | 1 | 2 | - | - |
| 5 | Waltham Abbey - - - | 11,017 | 6,066 | 1 | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - | - |
| 6 | Cheshunt *H* - - - | 8,480 | 9,620 | 7 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 135 : 1 | Hatfield, *part of* W* - | 3,306 | 582 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 137 : 1 | Bushey *H* - - - - | 9,331 | 7,737 | 5 | 2 | - | 2 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Watford *WH, part of** - | — | — | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 186 : 1 | Stratford *H* - - - | 4,706 | 38,612 | 27 | 15 | 2 | 3 | - | - | - | - | 1 | 1 | - | 2 | 3 | 2 | - |
| 2 | Plaistow *WHH* - - - | | 58,030 | 55 | 23 | 11 | 3 | - | - | - | 3 | 2 | - | - | - | 1 | 1 | - |
| 3 | Canning Town *H* - - | | 54,750 | 52 | 18 | 6 | 1 | - | 1 | - | - | - | - | - | - | - | 1 | - |
| 4 | Forest Gate *w* - - - | | 53,511 | 16 | 6 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 5 | East Ham *wH* - - - | 3,266 | 32,713 | 43 | 17 | 7 | 2 | - | - | - | - | 2 | - | - | - | - | - | - |
| 6 | Leyton *WWWwH* - - | 4,334 | 70,188 | 53 | 33 | 10 | 8 | - | 3 | 1 | 1 | 3 | - | - | 2 | 3 | 11 | - |
| 7 | Walthamstow *HHL* - - | 6,501 | 57,330 | 58 | 13 | 5 | 2 | - | - | - | 2 | - | - | - | - | - | - | - |
| 187 : 1 | Chigwell, *part of* HHHH* | 11,779 | 12,941 | 5 | 6 | - | 1 | - | 1 | - | - | - | - | - | - | 1 | - | - |
| 2 | Epping *WH, part of** - - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 189 : 1 | Romford, *part of* WH* - | 6,556 | 4,324 | 4 | 2 | 1 | - | - | 1 | - | - | - | - | - | - | 1 | - | - |
| 2 | Ilford - - - - - | 8,493 | 10,913 | 16 | 6 | 4 | - | - | - | - | 1 | - | - | - | - | - | - | - |
| 3 | Barking Town, *H* - - | 3,814 | 14,301 | 2 | 11 | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| | Middlesex Co. Lunatic Asy. Wandsworth. | — | — | - | 3 | - | 2 | - | - | - | - | - | - | - | - | - | 3 | - |
| | London Co. Lunatic Asy., Cane Hill. | — | — | - | 2 | - | - | - | - | - | - | - | - | - | - | - | 2 | - |

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30 : 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37 : 1, the parishes of Warlingham and Farley in Godstone sub-district; 39 : 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41 : 3, Chislehurst sub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135 : 1, the parish of Northaw in Hatfield sub-district; 187 : 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (pop. 1,079); 189 : 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for Infectious Diseases belonging to the Outer Ring in 42 : 2, Dartford; 137 : 2, Watford: and 187 : 2. Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 7th May, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | Annual Rate of Mortality per 1000 living. From All Causes. | Annual Rate of Mortality per 1000 living. From Diseases in Cols. 8-14. | Deaths from All Causes. | The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. | 16. |
| GREATER LONDON | **443,421** | **6,408,321** | **15·3** | **2·1** | **1875** | **402** | **474** | **–** | **120** | **11** | **40** | **71** | **6** | **14** | **72** | **487** |
| INNER LONDON - | 74,672 | 4,504,766 | 16·9 | 2·4 | 1464 | 297 | 361 | – | 99 | 10 | 27 | 52 | 5 | 13 | 61 | 440 |
| OUTER RING - | 368,749 | 1,903,555 | 11·3 | 1·5 | 411 | 105 | 113 | – | 21 | 1 | 13 | 19 | 1 | 1 | 11 | 47 |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent to the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

| CITIES | Population (enumerated or estimated). | Date of Return. Week ending | Births. (Exclusive of Stillborn) | Deaths. (Exclusive of Stillborn) | Annual Death-Rate per 1000 living. | Deaths from Principal Zymotic Diseases. Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœal Diseases. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 295,628 | May 7 | 162 | 116 | 20·5 | – | 2 | 1 | – | 2 | 1 | 3 |
| GLASGOW - - | 724,349 | „ 7 | 547 | 317 | 22·8 | – | 23 | 1 | 1 | 18 | 4 | 11 |
| DUBLIN - - | 349,594 | „ 7 | 215 | 164 | 24·5 | – | – | 1 | 1 | 3 | 3 | 1 |
| CALCUTTA - - | 466,460 | March 26 | – | 289 | 32·3 | 2 | 2 | – | – | – | 93 | 52† |
| BOMBAY - - | 821,764 | April 12 | 154 | 1288 | 81·5 | 1 | 13 | ? | ? | ? | 647‡ | 86† |
| MADRAS - - | 452,518 | „ 8 | 299 | 317 | 36·4 | 8 | 42 | ? | ? | ? | 96 | 39† |
| PARIS - - - | 2,511,629 | „ 30 | 1120 | 1047 | 21·6 | – | 42 | 1 | 4* | 11 | 2 | 25 |
| BRUSSELS - - | 531,024 | „ 30 | 240 | 188 | 18·4 | – | – | 1 | 2* | 2 | 1 | 18 |
| AMSTERDAM - | 505,326 | „ 23 | 306 | 161 | 16·6 | – | – | – | 1 | 4 | 1 | – |
| ROTTERDAM - | 290,004 | „ 23 | 178 | 104 | 18·6 | – | 7 | 1 | 1 | 4 | – | – |
| THE HAGUE - | 191,529 | „ 23 | 93 | 64 | 17·3 | – | – | – | 1 | – | – | – |
| COPENHAGEN - | 340,500 | „ 30 | 168 | 160 | 24·5 | – | – | – | 1 | 4 | – | 3 |
| STOCKHOLM - | 274,611 | „ 23 | 142 | 92 | 17·4 | – | – | 1 | 6* | 3 | – | 5 |
| CHRISTIANIA - | 192,141 | „ 30 | 112 | 97 | 26·3 | – | – | – | – | – | – | 3 |
| ST. PETERSBURG | 954,400 | „ 23 | 860 | 638 | 34·9 | 3 | 5 | 14 | 14 | 2 | 28 | 61 |
| MOSCOW - - | 988,610 | „ 23 | – | 563 | 29·7 | 1 | 15 | 5 | 12 | 3 | 7 | 55 |
| BERLIN - - | 1,753,775 | „ 16 | 855 | 524 | 15·5 | – | 6 | 2 | 11 | 10 | 2 | 24 |
| HAMBURG - - | 661,015 | „ 30 | – | 366 | 19·9 | – | 11 | 2 | 2* | 2 | 1 | 7 |
| DRESDEN - - | 377,500 | March 23 | – | – | – | – | – | – | – | – | – | – |
| BRESLAU - - | 392,795 | April 30 | – | 225 | 29·9 | – | 6 | 2 | 3* | – | 1 | 19 |
| MUNICH - - | 430,000 | „ 30 | – | 206 | 24·9 | – | 1 | – | 2* | 4 | – | 38 |
| VIENNA - - | 1,574,129 | „ 30 | 945 | 758 | 24·8 | – | 25 | 6 | 10* | 2 | 3 | 49 |
| PRAGUE - - | 377,109 | „ 30 | 214 | 185 | 24·4 | – | 4 | 6 | – | 1 | – | 4 |
| BUDA-PESTH - | 648,104 | „ 30 | 402 | 279 | 22·4 | – | 3 | 4 | 4 | 1 | 1 | 11 |
| TRIESTE - - | 164,491 | „ 30 | 70 | 69 | 21·7 | – | 1 | – | 2* | 1 | 1 | – |
| ROME - - - | 489,965 | „ 2 | – | – | – | – | – | – | – | – | – | – |
| TURIN (10 days) | 344,203 | March 20 | – | – | – | – | – | – | – | – | – | – |
| VENICE - - | 167,074 | April 23 | 69 | 59 | 18·4 | – | – | – | 2* | 2 | 2 | 2 |
| CAIRO - - | 570,062 | February 4 | 458 | 354 | 32·3 | – | – | – | 2* | 2 | 3 | 51 |
| ALEXANDRIA - | 319,766 | „ 4 | 292 | 167 | 27·1 | 6 | – | – | 1* | – | – | 30 |
| NEW YORK (including BROOKLYN) | 3,438,899 | April 16 | 1496 | 1267 | 19·2 | – | 21 | 16 | 34 | 18 | – | 19 |
| PHILADELPHIA - | 1,240,266 | „ 23 | – | 445 | 18·7 | – | 7 | 2 | 14 | 5 | 6 | 5 |

* Including deaths from croup.
† Including 22 deaths from cholera in Calcutta, 3 in Bombay, and 2 in Madras.
‡ Including 562 deaths from bubonic fever.

| 1898. Month and Day. | | Phases of the Moon. | Barometer. Mean daily reading (corrected and reduced to 32° Fahrenheit). | Temperature. Of the Air. High-est. | Low-est | Daily Range. | Mean daily value. | Departure from Average of 50 years. | Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Great-est. | Least. | Degree of Humidity (Saturation equals 100). | Temperature. Of Radiation. Highest in Sun's Rays. | Lowest on the Grass. | Of the Earth 3 feet below the Surface. | Wind as deduced from Anemometers. Osler's. General Direction. A.M. | P.M. | Pressure on the Square Foot. Great-est. | Least. | Mean of 24 hourly obs. | Robinson's. Horizontal Movement of the Air on each Day. | Depar-ture from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| May | | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| Sunday - | 1 | .. | 29·637 | 53·0 | 41·3 | 11·7 | 48·2 | − 1·0 | 43·6 | 4·6 | 10·2 | 0·6 | 84 | 68·9 | 37·0 | 48·62 | SSW., S. & SSE. | E., ENE. & & SE. | 1·2 | 0·0 | 0·0 | 189 | − 70 | 0·22 | 0·0 |
| Monday - | 2 | In Equator | 29·342 | 68·0 | 46·9 | 21·1 | 56·4 | + 7·0 | 49·3 | 7·1 | 14·4 | 0·0 | 77 | 114·7 | 44·4 | 48·62 | SE., NE. & E. | SSE., SW. & SSW. | 5·3 | 0·0 | 0·5 | 311 | + 54 | 0·04 | 0·0 |
| Tuesday - | 3 | .. | 29·378 | 60·8 | 47·4 | 13·4 | 53·6 | + 3·9 | 42·5 | 11·1 | 15·0 | 3·6 | 66 | 120·0 | 42·2 | 48·79 | SSW. & S. | SSW. & S. | 8·5 | 0·0 | 0·8 | 422 | +167 | 0·00 | 0·0 |
| Wednesday | 4 | .. | 29·465 | 57·8 | 46·2 | 11·6 | 50·9 | + 0·9 | 43·6 | 7·3 | 12·4 | 1·9 | 76 | 105·0 | 42·7 | 49·10 | S., SW. & WSW. | WSW. & SW. | 13·6 | 0·0 | 1·2 | 525 | +271 | 0·14 | 0·0 |
| Thursday- | 5 | .. | 29·626 | 55·6 | 44·0 | 11·6 | 49·5 | − 0·8 | 47·0 | 2·5 | 7·4 | 0·9 | 91 | 79·3 | 42·1 | 49·24 | SW., SSW. & S. | S., SW. & WSW. | 2·7 | 0·0 | 0·2 | 267 | + 14 | 0·17 | 0·0 |
| Friday - | 6 | Full. | 29·884 | 62·1 | 46·2 | 15·9 | 52·3 | + 1·7 | 42·2 | 10·1 | 18·0 | 2·7 | 68 | 113·6 | 42·0 | 49·40 | W., N. & NNW. | NNW. & N. | 5·2 | 0·0 | 0·6 | 365 | +113 | 0·01 | 0·0 |
| Saturday - | 7 | Perigee. | 30·133 | 62·1 | 41·9 | 20·2 | 52·7 | + 1·9 | 41·8 | 10·9 | 16·0 | 3·3 | 66 | 109·0 | 37·0 | 49·51 | NNW. & N. | N., SE., & SSE. | 1·1 | 0·0 | 0·1 | 209 | − 43 | 0·00 | 0·0 |
| Means - | - | | 29·641 | 59·9 | 44·8 | 15·1 | 51·9 | + 1·9 | 44·3 | 7·7 | 13·3 | 1·9 | 75 | 101·5 | 41·1 | 49·04 | Variable. | | .. | .. | .. | Sum 2288 | Sum +506 | Sum 0·58 | 0·0 |
| No. of Column - | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| Date. May | | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | General Remarks. |
|---|---|---|---|---|---|
| Sunday - | 1 | w. P. till 11h. A.M.; v. P. and v. N. till 6h. P.M.; w.P. afterwards. | 0·8 | 14·8 | Fine in early morning; generally overcast afterwards. Continuous rain between 10h. 30m. A.M. and 6h. 15m. P.M. |
| Monday - | 2 | m. P. till 6h. A.M.; v. P. and v. N. till 11h. A.M.; w. P. afterwards. | 2·2 | 14·9 | Generally overcast with occasional showers till 7h. P.M.; fine and partially cloudy afterwards. Fog in early morning. |
| Tuesday - | 3 | w. P. generally - | 10·6 | 14·9 | Fine with variable amounts of cloud. A slight shower at 9h. 30m. P.M. Brisk wind. |
| Wednesday | 4 | w. P. & v. N. till 10h. A.M.; v. P. & v. N. till 3h. P.M.; m. P. afterwards. | 3·9 | 15·0 | Variable and showery till evening; fine afterwards. Brisk wind. |
| Thursday- | 5 | w. P. throughout - | 0·0 | 15·0 | Generally overcast; frequent rain. |
| Friday - | 6 | w. P. generally till 5h. A.M.; m. P. generally afterwards. | 8·5 | 15·1 | Overcast till 2h. A.M.; fine and partially cloudy with occasional showers afterwards. |
| Saturday - | 7 | m. P. till 7h. P.M.; w. P. afterwards. | 10·6 | 15·1 | Fine till evening; generally cloudy afterwards. |
| | | | Sum 36·6 | Sum 104·8 | |
| No. of Col. - | - | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased from 29·67 in. at the beginning of the week to 29·30 in. by 3h. P.M. on the 2nd; increased to 29·41 in. by 2h. A.M. on the 3rd; decreased to 29·24 in. by 6h. A.M. on the 4th; increased to 29·73 in. by 8h. A.M. on the 5th; decreased to 29·49 in. by 1h. A.M. on the 6th; increased to 30·18 in. by 8h. A.M. on the 7th; and decreased to 30·10 in. by the end of the week.

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1898.

OFFICIAL COPY.

# WEEKLY RETURN

OF

# BIRTHS AND DEATHS IN LONDON

AND IN

# THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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No. 19. 1898. Vol. LIX.] Week ending Saturday, May 14. [Price 1½*d.*

*General Register Office, Somerset House,*
*May 16th*, 1898.

## Thirty-three Great Towns.

The deaths registered last week in Thirty-three Great Towns of England and Wales corresponded to an annual rate of 16.6 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| Towns. | Weeks ending April 23. | April 30. | May 7. | May 14. | Towns. | Weeks ending April 23. | April 30. | May 7. | May 14. |
|---|---|---|---|---|---|---|---|---|---|
| **33 Great Towns** | 18·1 | 18·4 | 17·4 | 16·6 | Leicester - - | 18·5 | 18·2 | 16·0 | 15·5 |
| Birkenhead - | 17·0 | 15·2 | 13·8 | 14·3 | Liverpool - - | 22·7 | 30·0 | 26·2 | 22·6 |
| Birmingham - | 18·9 | 17·4 | 18·8 | 17·6 | London - - - | 17·9 | 17·2 | 16·9 | 15·7 |
| Blackburn - | 19·6 | 20·4 | 19·2 | 11·7 | Manchester - - | 20·2 | 18·1 | 20·4 | 21·8 |
| Bolton - - | 14·9 | 20·9 | 13·6 | 22·1 | Newcastle-on-Tyne | 23·8 | 22·4 | 20·8 | 15·9 |
| Bradford - | 20·5 | 20·3 | 16·5 | 16·5 | Norwich - - | 20·1 | 19·6 | 15·9 | 17·7 |
| Brighton - | 13·6 | 14·9 | 14·9 | 10·2 | Nottingham - - | 17·9 | 13·9 | 16·3 | 15·5 |
| Bristol - | 16·6 | 16·9 | 15·5 | 11·8 | Oldham - - | 14·4 | 20·7 | 21·1 | 19·7 |
| Burnley - | 15·7 | 16·2 | 13·3 | 18·1 | Plymouth - - | 15·3 | 18·4 | 15·3 | 20·0 |
| Cardiff - - | 14·4 | 10·3 | 12·9 | 11·7 | Portsmouth - - | 10·9 | 14·0 | 12·6 | 16·8 |
| Croydon - | 8·4 | 14·7 | 10·9 | 14·7 | Preston - - | 16·6 | 20·2 | 17·5 | 12·5 |
| Derby - - | 16·4 | 20·4 | 17·9 | 18·9 | Salford - - - | 21·0 | 17·4 | 17·9 | 16·9 |
| Gateshead - | 18·6 | 26·6 | 20·1 | 17·1 | Sheffield - - | 19·5 | 21·1 | 17·8 | 18·9 |
| Halifax - | 17·8 | 23·7 | 14·0 | 22·1 | Sunderland - - | 24·6 | 26·8 | 20·3 | 16·7 |
| Huddersfield - | 16·8 | 17·3 | 20·9 | 15·8 | Swansea - - | 13·8 | 14·8 | 13·3 | 18·4 |
| Hull - - | 15·7 | 18·6 | 14·1 | 17·0 | West Ham - - | 14·7 | 15·5 | 12·4 | 10·0 |
| Leeds - - | 20·5 | 18·6 | 18·3 | 18·6 | Wolverhampton - | 17·2 | 13·0 | 17·8 | 17·2 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were :—from *measles*, 1·0 in Bristol, 1·1 in Halifax and in Bradford, and 2·0 in Derby; from *whooping-cough*, 1·0 in Leeds, and 1·2 in Salford and in Sheffield; and from *diarrhœa*, 1·2 in Blackburn. In no case did the death-rate from *scarlet fever* or from "*fever*" reach 1·0 per 1000 in any of the thirty-three towns. The 50 deaths from *diphtheria* included 20 in London, 6 in Birmingham, 4 in Cardiff, 4 in West Ham, and 3 in Burnley. No death from *small-pox* was registered in any of the thirty-three towns.

In the registration district of Middlesbrough 3 deaths from small-pox were registered last week, making a total of 205 deaths from this disease since the beginning of the year.

## London.

In London† 2425 births and 1356 deaths were registered. Allowing for increase of population, the births were 279, and the deaths 245, below the average numbers in the corresponding weeks of the last ten

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

years. The annual death-rate per 1000 from all causes, which had been 17·9, 17·2, and 16·9 in the preceding three weeks, further fell last week to 15·7. During the four weeks ending on Saturday last the death-rate averaged 16·9 per 1000, being 2·1 per 1000 below the mean rate in the corresponding periods of the ten years 1888–97.

The 1356 deaths included 76 from measles, 11 from scarlet fever, 20 from diphtheria, 48 from whooping-cough, 7 from enteric fever, 8 from diarrhœa and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 170 deaths were referred to these diseases, being 40 below the corrected average weekly number.

The deaths from *measles*, which had been 131, 107, and 99 in the preceding three weeks, further fell last week to 76, but were 4 above the corrected average; 7 cases belonged to St. Marylebone, 6 to Greenwich, 5 to Islington, and 5 to Lambeth sanitary areas. The deaths from *scarlet fever*, which had been 10, 13, and 10 in the preceding three weeks, were 11 last week, the corrected average being 16; 2 cases belonged to St. George Southwark sanitary area. The deaths from *diphtheria*, which had been 31, 39, and 27 in the preceding three weeks, further fell last week to 20, and were 17 below the corrected average; 3 cases belonged to Poplar sanitary area. The mortality from diphtheria was lower last week than it had been in any week since April, 1892. The deaths from *whooping-cough*, which had been 53, 70, and 52 in the preceding three weeks, further fell last week to 48, and were 13 below the corrected average; 5 cases belonged to Islington and 5 to Greenwich sanitary areas. The fatal cases of *enteric fever*, which had been 5, 7, and 5 in the preceding three weeks, rose again last week to 7, which is also the corrected average; 2 cases belonged to Greenwich sanitary area. The deaths from *diarrhœa*, which had been 10, 10, and 13 in the preceding three weeks, fell again last week to 8, and were 7 below the corrected average. The deaths referred to diseases of the respiratory organs, which had been 283, 274, and 226 in the preceding three weeks, rose again last week to 232, but were 81 below the corrected average. The deaths attributed directly to *influenza* numbered 15, having been 23, 19, and 17 in the preceding three weeks.

Different forms of violence caused 58 deaths, concerning all but 1 of which inquests were held. Of these 58 deaths, 8 were cases of suicide and 2 of homicide, while the remaining 48 were attributed to accident or negligence. Seven of these were referred to vehicles in the streets, 7 to drowning, 1 to poisoning by coal gas, 1 to the effects of an anæsthetic administered for surgical purposes, and 9 (of infants under one year of age) to suffocation in bed.

## Cases of Infectious Sickness in Hospitals.*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2246 cases of scarlet fever, 949 of diphtheria, 3 of typhus, and 57 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 229 cases, against 241, 205, and 209; of diphtheria, 131 cases, against 105, 110, and 133; and of enteric fever, 11 cases, against 14, 10, and 3.

## Greater London.

In Greater London 3397 births and 1713 deaths were registered, corresponding to annual rates of 27·6 and 13·9 per 1000 of the estimated population. In the Outer Ring 13 deaths from measles, 2 from scarlet fever, 10 from diphtheria, 13 from whooping-cough, 5 from "fever," and 6 from diarrhœa were registered. Three deaths from measles and 3 from diphtheria occurred in Edmonton district; 2 deaths from measles, 4 from diphtheria, 6 from whooping-cough, and 3 from "fever" occurred in West Ham district.

## Meteorology.

The mean reading of the Barometer last week at Greenwich was 29·55 inches, and that of the Thermometer 50°·7, the latter being 1°·0 below the week's average in the 50 years 1841–90. The direction of the wind was south-westerly, the horizontal movement of the air being 24 per cent. above the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 30·8 hours; the measured rainfall amounted to 0·54 of an inch.

* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Registered during the Week ending 14th May 1898. Births. | Deaths. | Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Per 1000, corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6-12. | Temperature of the Air. Highest. Fahrenheit. | Lowest. Fahrenheit. | Mean. Fahrenheit. | Mean. Centigrade. | Rainfall. In Inches. | In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18 | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| **33 Towns** - | **11,218,378** | **6291** | **3577** | **820** | **839** | - | **133** | **26** | **50** | **115** | **27** | **32** | **134** | **270** | **782** | **44** | **16·6** | **1·8** | **66·0** | **33·5** | **48·8** | **9·33** | **0·82** | **2·08** | **33 Towns.** |
| London - - | 4,504,766 | 2425 | 1356 | 288 | 323 | - | 76 | 11 | 20 | 48 | 7 | 8 | 58 | 122 | 428 | 8 | 15·7 | 2·0 | 61·6 | 36·0 | 50·7 | 10·39 | 0·54 | 1·37 | London. |
| West Ham - - | 286,654 | 174 | 55 | 12 | 11 | - | 1 | - | 4 | 3 | 2 | 1 | 6 | 8 | 5 | 1 | 10·0 | 2·0 | - | - | - | - | - | - | West Ham. |
| Croydon - - | 124,421 | 52 | 35 | 8 | 11 | - | 1 | 1 | - | 2 | - | 1 | 1 | 2 | 8 | - | 14·7 | 2·1 | 62·5 | 33·8 | 49·9 | 9·94 | 0·73 | 1·85 | Croydon. |
| Brighton - - | 122,310 | 63 | 24 | 2 | 12 | - | - | - | - | 2 | - | - | 1 | 1 | 4 | - | 10·2 | 0·9 | 62·6 | 37·0 | 50·9 | 10·50 | 1·50 | 3·81 | Brighton. |
| Portsmouth - | 186,618 | 95 | 60 | 11 | 23 | - | - | 1 | 1 | - | - | - | 1 | 3 | 13 | - | 16·8 | 0·6 | 66·0 | 39·0 | 51·2 | 10·67 | 1·02 | 2·59 | Portsmouth. |
| Plymouth - - | 99,136 | 51 | 38 | 11 | 17 | - | - | - | - | - | - | - | - | 1 | 5 | - | 20·0 | - | - | - | - | - | - | - | Plymouth. |
| Bristol - - | 316,900 | 172 | 72 | 13 | 19 | - | 6 | - | 2 | 4 | - | 2 | 5 | 9 | 12 | - | 11·8 | 2·3 | 61·0 | 38·0 | 48·9 | 9·39 | 0·75 | 1·90 | Bristol. |
| Cardiff - - | 177,770 | 102 | 40 | 12 | 7 | - | 1 | - | 4 | - | - | 1 | 1 | 1 | 7 | - | 11·7 | 1·8 | - | - | - | - | - | - | Cardiff. |
| Swansea - - | 102,001 | 54 | 36 | 8 | 11 | - | - | - | - | 1 | - | - | 2 | 3 | 4 | - | 18·4 | 0·5 | - | - | - | - | - | - | Swansea. |
| Wolverhampton | 88,051 | 48 | 29 | 7 | 5 | - | 1 | 1 | - | - | - | - | 1 | 2 | 6 | - | 17·2 | 1·2 | 64·0 | 33·5 | 48·0 | 8·89 | 0·61 | 1·55 | Wolverhampton. |
| Birmingham - | 510,343 | 319 | 172 | 39 | 42 | - | - | 1 | 6 | 9 | - | 1 | 5 | 5 | 33 | 4 | 17·6 | 1·7 | - | - | - | - | - | - | Birmingham. |
| Norwich - - | 111,699 | 61 | 38 | 13 | 13 | - | 1 | - | 1 | - | 2 | 1 | - | 2 | 8 | - | 17·7 | 2·3 | 57·2 | 35·0 | 47·5 | 8·61 | 0·71 | 1·80 | Norwich. |
| Leicester - - | 208,662 | 130 | 62 | 19 | 14 | - | 3 | - | 1 | - | - | - | - | 2 | 9 | 4 | 15·5 | 1·0 | - | - | - | - | - | - | Leicester. |
| Nottingham - | 236,137 | 124 | 70 | 15 | 16 | - | - | - | 1 | 1 | - | - | 2 | 2 | 14 | 2 | 15·5 | 0·4 | 62·5 | 35·0 | 48·2 | 9·00 | 0·45 | 1·14 | Nottingham. |
| Derby - - - | 104,834 | 51 | 38 | 13 | 6 | - | 4 | - | - | - | - | - | 2 | 3 | 4 | - | 18·9 | 2·0 | - | - | - | - | - | - | Derby. |
| Birkenhead - | 113,189 | 75 | 31 | 3 | 7 | - | - | - | 1 | - | 2 | - | - | 3 | 5 | - | 14·3 | 1·4 | - | - | - | - | - | - | Birkenhead. |
| Liverpool - - | 633,645 | 410 | 275 | 63 | 54 | - | 9 | 4 | 2 | 8 | 5 | 5 | 8 | 16 | 57 | 10 | 22·6 | 2·7 | 56·8 | 38·4 | 46·0 | 7·78 | 1·00 | 2·54 | Liverpool. |
| Bolton - - | 122,495 | 65 | 52 | 10 | 13 | - | - | - | 1 | 2 | - | - | 2 | 6 | 10 | - | 22·1 | 1·3 | - | - | - | - | - | - | Bolton. |
| Manchester - | 539,079 | 319 | 225 | 54 | 41 | - | 6 | 1 | - | 4 | 2 | 2 | 12 | 17 | 45 | - | 21·8 | 1·5 | - | - | - | - | - | - | Manchester. |
| Salford - - | 215,702 | 164 | 70 | 20 | 9 | - | 2 | 1 | 1 | 5 | - | 1 | 1 | 4 | 13 | - | 16·9 | 2·4 | - | - | - | - | - | - | Salford. |
| Oldham - - | 148,288 | 85 | 56 | 10 | 22 | - | 1 | - | - | - | 1 | 1 | - | 1 | 5 | - | 19·7 | 1·1 | - | - | - | - | - | - | Oldham. |
| Burnley - - | 109,546 | 51 | 38 | 11 | 10 | - | - | - | 3 | - | - | - | - | 2 | 2 | - | 18·1 | 1·4 | - | - | - | - | - | - | Burnley. |
| Blackburn - - | 133,228 | 67 | 30 | 3 | 6 | - | - | - | - | - | - | 3 | 1 | 1 | 5 | - | 11·7 | 1·2 | - | - | - | - | - | - | Blackburn. |
| Preston - - | 116,356 | 54 | 28 | 9 | 4 | - | - | - | - | 1 | - | 2 | 1 | 1 | 3 | 2 | 12·5 | 1·3 | - | - | - | - | - | - | Preston. |
| Huddersfield - | 102,454 | 25 | 31 | 2 | 9 | - | - | - | 1 | - | - | - | 1 | 1 | 4 | - | 15·8 | 0·5 | 57·0 | 36·5 | 47·9 | 8·83 | 1·15 | 2·92 | Huddersfield. |
| Halifax - - | 96,729 | 34 | 41 | 11 | 14 | - | 2 | - | - | - | - | - | - | 3 | 3 | 3 | 22·1 | 1·1 | - | - | - | - | - | - | Halifax. |
| Bradford - - | 233,737 | 102 | 74 | 11 | 21 | - | 5 | - | - | 2 | - | - | 4 | 7 | 10 | 2 | 16·5 | 1·6 | 62·4 | 38·6 | 49·4 | 9·67 | 0·85 | 2·16 | Bradford. |
| Leeds - - - | 416,618 | 256 | 149 | 38 | 29 | - | 4 | 3 | - | 8 | 2 | - | 4 | 15 | 17 | - | 18·6 | 2·1 | - | - | - | - | - | - | Leeds. |
| Sheffield - - | 356,478 | 210 | 129 | 41 | 25 | - | 4 | - | - | 8 | 2 | - | 4 | 7 | 16 | 4 | 18·9 | 2·0 | - | - | - | - | - | - | Sheffield. |
| Hull - - - | 229,887 | 144 | 75 | 20 | 18 | - | 3 | 1 | 1 | 1 | - | - | 6 | 10 | 12 | 2 | 17·0 | 1·4 | 60·0 | 36·0 | 46·4 | 8·00 | 0·53 | 1·35 | Hull. |
| Sunderland - | 143,849 | 100 | 46 | 18 | 4 | - | - | - | - | 1 | 2 | 1 | 2 | 3 | 4 | - | 16·7 | 1·4 | - | - | - | - | - | - | Sunderland. |
| Gateshead - - | 103,775 | 69 | 34 | 13 | 9 | - | 1 | - | - | 1 | - | - | - | 1 | 2 | 1 | 17·1 | 1·0 | - | - | - | - | - | - | Gateshead. |
| Newcastle - | 223,021 | 140 | 68 | 12 | 14 | - | 2 | 1 | - | 4 | - | 2 | 3 | 6 | 9 | 1 | 15·9 | 2·1 | - | - | - | - | - | - | Newcastle. |

* See note * on first page of this return.

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the NINETEENTH Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2574 | 2565 | 2308 | 2582 | 2877 | 2532 | 2589 | 2549 | 2690 | 2430 | 2704·0 | 2425 |
| Males | 1308 | 1264 | 1163 | 1292 | 1459 | 1290 | 1322 | 1271 | 1376 | 1235 | 1365·9 | 1252 |
| Females | 1266 | 1301 | 1145 | 1290 | 1418 | 1242 | 1267 | 1278 | 1314 | 1195 | 1338·1 | 1173 |
| TOTAL **Deaths** | 1360 | 1295 | 1469 | 2245 | 1597 | 1460 | 1531 | 1398 | 1523 | 1334 | 1600·8 | 1356 |
| Males | 715 | 619 | 781 | 1138 | 821 | 779 | 784 | 717 | 816 | 709 | 829·1 | 730 |
| Females | 645 | 676 | 688 | 1107 | 776 | 681 | 747 | 681 | 707 | 625 | 771·7 | 626 |

* The numbers in this column are the average weekly numbers in the nineteenth week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | Feb. 19. | Feb. 26. | Mar. 5. | Mar. 12. | Mar 19. | Mar. 26. | Apr. 2. | Apr. 9. | Apr. 16. | Apr. 23. | Apr. 30. | May 7. | May. 14. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2527 | 2644 | 2585 | 2736 | 2576 | 2218 | 2860 | 2415 | 2623 | 2769 | 2522 | 2449 | 2425 |
| TOTAL **Deaths** | 1856 | 1889 | 1805 | 1854 | 1869 | 1731 | 1883 | 1691 | 1648 | 1546 | 1485 | 1464 | 1356 |
| Ages at Death: Under 1 year | 392 | 398 | 384 | 381 | 367 | 331 | 386 | 368 | 377 | 336 | 346 | 297 | 288 |
| 1—5 years | 318 | 324 | 302 | 340 | 311 | 358 | 338 | 295 | 285 | 283 | 265 | 272 | 206 |
| 5—20 ,, | 75 | 100 | 98 | 97 | 83 | 98 | 84 | 86 | 76 | 88 | 80 | 60 | 71 |
| 20—40 ,, | 221 | 226 | 218 | 202 | 206 | 202 | 198 | 195 | 186 | 194 | 181 | 198 | 200 |
| 40—60 ,, | 334 | 363 | 334 | 340 | 360 | 314 | 344 | 309 | 290 | 300 | 283 | 276 | 268 |
| 60—80 ,, | 423 | 391 | 379 | 383 | 425 | 344 | 424 | 364 | 362 | 272 | 274 | 309 | 259 |
| 80 years and upwards | 93 | 87 | 90 | 111 | 117 | 84 | 109 | 74 | 72 | 73 | 56 | 52 | 64 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Measles | 100 | 106 | 115 | 141 | 134 | 143 | 115 | 108 | 117 | 131 | 107 | 99 | 76 |
| Scarlet Fever | 9 | 11 | 8 | 8 | 10 | 15 | 22 | 19 | 12 | 10 | 13 | 10 | 11 |
| Diphtheria | 33 | 46 | 38 | 33 | 36 | 53 | 45 | 29 | 34 | 31 | 39 | 27 | 20 |
| Whooping-cough | 53 | 52 | 49 | 59 | 56 | 59 | 63 | 64 | 59 | 53 | 70 | 52 | 48 |
| Typhus | – | – | – | – | – | 1 | 1 | – | – | – | – | – | – |
| Enteric Fever | 8 | 9 | 11 | 7 | 10 | 1 | 7 | 9 | 7 | 5 | 7 | 5 | 7 |
| Simple Continued Fever | – | – | – | – | – | – | – | – | – | 1 | – | – | – |
| Diarrhœa and Dysentery | 8 | 8 | 11 | 9 | 11 | 9 | 9 | 15 | 12 | 10 | 10 | 13 | 8 |
| Cholera | – | – | – | – | – | – | – | – | – | – | – | – | – |
| All the above Diseases | 211 | 232 | 232 | 257 | 257 | 281 | 262 | 244 | 241 | 241 | 246 | 206 | 170 |
| Dis. of Respiratory System | 438 | 416 | 425 | 429 | 430 | 402 | 451 | 372 | 305 | 283 | 274 | 226 | 232 |
| Phthisis | 180 | 179 | 172 | 192 | 184 | 143 | 160 | 146 | 138 | 154 | 153 | 158 | 168 |
| Dis. of Circulatory System | 141 | 161 | 153 | 141 | 136 | 137 | 147 | 140 | 141 | 129 | 131 | 116 | 114 |
| Violence | 77 | 74 | 53 | 68 | 59 | 84 | 53 | 78 | 76 | 54 | 61 | 61 | 58 |
| Inquest Cases | 169 | 174 | 142 | 175 | 157 | 160 | 141 | 137 | 158 | 123 | 142 | 130 | 122 |
| Deaths in Public Institutions | 551 | 515 | 477 | 471 | 543 | 542 | 544 | 529 | 461 | 472 | 447 | 440 | 428 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean | 42°·7 | 37°·6 | 38°·9 | 37°·7 | 45°·7 | 37°·5 | 40°·7 | 49°·3 | 49°·3 | 46°·4 | 48°·3 | 51°·9 | 50°·7 |
| Mean of Highest readings | 47·6 | 44·8 | 46·2 | 43·9 | 52·6 | 44·8 | 48·3 | 59·3 | 57·4 | 56·8 | 57·5 | 59·9 | 59·0 |
| Mean of Lowest readings | 38·3 | 31·4 | 33·5 | 32·3 | 38·6 | 31·5 | 34·4 | 40·6 | 42·2 | 37·6 | 40·4 | 44·8 | 44·7 |
| Humidity of the Air | 80 | 76 | 81 | 76 | 78 | 84 | 79 | 67 | 72 | 73 | 81 | 75 | 76 |
| Rain-fall (in inches) | 0·35 | 0·21 | 0·59 | 0·01 | 0·25 | 0·56 | 0·15 | 0·13 | 0·31 | 0·00 | 0·49 | 0·58 | 0·54 |
| Registered Sunshine (in hours) | 9·4 | 25·8 | 15·1 | 18·0 | 13·3 | 16·5 | 28·9 | 47·8 | 25·8 | 46·4 | 23·9 | 36·6 | 30·8 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox | – | – | 1 | 1 | 1 | 1 | – | – | – | – | – | – | – |
| Scarlet Fever | 2781 | 2674 | 2534 | 2445 | 2419 | 2371 | 2377 | 2421 | 2384 | 2334 | 2302 | 2271 | 2246 |
| Diphtheria | 1058 | 1061 | 1047 | 1027 | 1024 | 1022 | 1009 | 1004 | 962 | 953 | 930 | 942 | 949 |
| Enteric Fever | 87 | 84 | 82 | 84 | 79 | 72 | 64 | 62 | 61 | 67 | 59 | 54 | 57 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton: A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and I. Boobbyer Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S. Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.

BLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the NINETEENTH Week of the Year 1898.

| SES OF DEATH. | Corrected Averages for the 19th Week of the 10 years 1888-97*. | In the Week ending Saturday, 14th May 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| SES | 1600·8 | 1356 | 288 | 206 | 71 | 200 | 268 | 259 | 64 |
| Vaccinated† | 0·5 | – | – | – | – | – | – | – | – |
| Unvaccinated | 0·8 | – | – | – | – | – | – | – | – |
| No Statement | 0·6 | – | – | – | – | – | – | – | – |
| | 71·6 | 76 | 22 | 52 | 2 | – | – | – | – |
| Fever | 15·9 | 11 | 1 | 6 | 3 | 1 | – | – | – |
| | 0·2 | – | – | – | – | – | – | – | – |
| ng Fever | – | – | – | – | – | – | – | – | – |
| a | 38·6 | 15 | 1 | 1 | 2 | 4 | 1 | 4 | 2 |
| ng-cough | 60·8 | 48 | 20 | 25 | 3 | – | – | – | – |
| ria | 36·8 | 20 | 2 | 13 | 5 | – | – | – | – |
| Continued and ned Fever | 0·8 | – | – | – | – | – | – | – | – |
| Fever | 7·4 | 7 | – | – | 1 | 6 | – | – | – |
| and Chol. Diarr. | 0·1 | – | – | – | – | – | – | – | – |
| a, Dysentery | 14·7 | 8 | 6 | – | – | 1 | – | – | 1 |
| nt Fever | 0·1 | – | – | – | – | – | – | – | – |
| hobia | – | – | – | – | – | – | – | – | – |
| s | – | – | – | – | – | – | – | – | – |
| and Effects of nation | 0·1 | – | – | – | – | – | – | – | – |
| l Affections | 10·5 | 7 | 3 | – | – | 2 | 1 | 1 | – |
| las | 3·9 | 3 | 1 | – | – | – | 1 | 1 | – |
| and Septicæmia | 2·9 | 2 | – | – | 1 | – | – | 1 | – |
| al Fever | 4·8 | 3 | – | – | 1 | 2 | – | – | – |
| ymotic Diseases | 1·3 | 2 | – | – | – | 1 | 1 | – | – |
| | 0·3 | 1 | 1 | – | – | – | – | – | – |
| and other Para- Diseases | 0·2 | – | – | – | – | – | – | – | – |
| ion, Want of t-milk | 1·8 | – | – | – | – | – | – | – | – |
| ism | 10·5 | 6 | – | – | – | 3 | 3 | – | – |
| atic Fever, matism of Heart | 6·7 | 9 | – | – | 5 | 1 | 1 | 2 | – |
| atism | 2·4 | 1 | – | – | – | – | – | – | 1 |
| | 2·7 | 2 | – | – | – | – | 1 | 1 | – |
| | 5·6 | 4 | – | 3 | 1 | – | – | – | – |
| | 65·0 | 69 | – | – | – | 7 | 30 | 31 | 1 |
| Mesenterica | 20·1 | 9 | 4 | 4 | – | – | 1 | – | – |
| ular Meningitis | 28·3 | 21 | 3 | 13 | 5 | – | – | – | – |
| s | 159·1 | 168 | 5 | 3 | 12 | 76 | 64 | 8 | – |
| a, Tuberculosis | 19·0 | 18 | 3 | 6 | 5 | 2 | 1 | 1 | – |
| Constitutional ses | 13·3 | 14 | – | – | – | 2 | 4 | 7 | 1 |
| ure Birth | 48·8 | 48 | 48 | – | – | – | – | – | – |
| asis | 3·5 | 5 | 5 | – | – | – | – | – | – |
| ital Malforma- | 7·9 | 5 | 5 | – | – | – | – | – | – |
| e | 48·5 | 43 | – | – | – | – | – | 16 | 27 |
| xy | 43·9 | 45 | – | 1 | – | 4 | 17 | 20 | 3 |
| sy | 8·8 | 11 | – | 1 | 1 | 3 | 3 | 3 | – |
| sions | 40·1 | 18 | 14 | 4 | – | – | – | – | – |
| Diseases of Brain Nervous System | 86·2 | 64 | 11 | 9 | 2 | 10 | 14 | 18 | – |
| es of Organs of al Sense | 3·2 | 2 | 1 | 1 | – | – | – | – | – |

| CAUSES OF DEATH | Corrected Averages for the 19th Week of the 10 years 1888-97*. | In the Week ending Saturday, 14th May 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System | 130·7 | 114 | 1 | 1 | 3 | 16 | 37 | 47 | 9 |
| Croup | 3·7 | 2 | – | 2 | – | – | – | – | – |
| Bronchitis | 153·8 | 104 | 26 | 15 | 1 | 2 | 15 | 35 | 10 |
| Pneumonia | 124·3 | 95 | 21 | 31 | 1 | 17 | 13 | 11 | 1 |
| Pleurisy | 7·4 | 11 | – | 2 | – | 2 | 1 | 5 | 1 |
| Other Diseases of Respiratory System | 24·0 | 20 | 3 | 3 | 1 | 2 | 4 | 6 | 1 |
| Dentition | 10·2 | 7 | 7 | – | – | – | – | – | – |
| Quinsy, Sore Throat | 1·3 | 1 | – | – | 1 | – | – | – | – |
| Enteritis | 10·0 | 14 | 10 | 1 | – | 3 | – | – | – |
| Peritonitis | 6·2 | 5 | – | – | 2 | 2 | 1 | – | – |
| Diseases of Liver | 24·6 | 19 | 3 | – | – | 2 | 12 | 2 | – |
| Other Diseases of Digestive System | 30·2 | 33 | 7 | 2 | 1 | 6 | 6 | 11 | – |
| Diseases of Lymphatic System & of Ductless Glands | 2·0 | 3 | – | – | – | – | 1 | 1 | 1 |
| Diseases of Urinary System | 44·8 | 50 | – | 2 | 2 | 9 | 21 | 13 | 3 |
| Diseases of Generative System | 5·2 | 8 | 1 | – | – | 4 | 1 | 1 | 1 |
| Accidents of Childbirth | 4·5 | 1 | – | – | – | 1 | – | – | – |
| Diseases of Locomotive System | 6·0 | 1 | – | – | – | – | 1 | – | – |
| Diseases of Integumentary System | 5·4 | 7 | 3 | 1 | 1 | – | 1 | – | 1 |
| VIOLENT DEATHS‡ (ACCIDENT.) | | | | | | | | | |
| By Railways | 48·0 | 2 | – | – | – | 1 | 1 | – | – |
| By Vehicles or Horses | | 7 | – | 1 | 2 | – | 1 | 3 | – |
| In Ships, Boats, Docks. (exclusive of Drowning) | | – | – | – | – | – | – | – | – |
| In Building Operations | | 1 | – | – | – | 1 | – | – | – |
| In Conflagrations | | – | – | – | – | – | – | – | – |
| By Burns, Scalds, Explosions | | 3 | – | 1 | 1 | – | – | 1 | – |
| By Drowning | | 7 | 1 | – | 2 | 2 | – | 2 | – |
| By Suffocation in Bed | | 9 | 9 | – | – | – | – | – | – |
| By Poisons or Poisonous Vapours | | 2 | – | – | – | – | 1 | 1 | – |
| Other or not stated causes | | 17 | 3 | 1 | 4 | 1 | 5 | 3 | – |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide | 1·4 | 2 | 1 | 1 | – | – | – | – | – |
| Suicide | 9·8 | 8 | – | – | – | 3 | 3 | 2 | – |
| Execution | – | – | – | – | – | – | – | – | – |
| OTHER CAUSES | 49·0 | 38 | 36 | – | – | 1 | – | 1 | – |

e numbers in this column are the average weekly deaths for the ten years 1888-97, raised by 5·230 per cent. for increase ulation.

y those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered l men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the of death is not certified by a registered practitioner, th case is returned under the heading "no statement."

e evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of nt, murder manslaughter or suicide. All such cases are classed under "accident."

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 14th May, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2425 | 1356 | 288 | 323 | – | 76 | 11 | 20 | 48 | – | 7 | – | 8 | 58 | 122 | 428 |
| WEST DISTRICTS - - - | 778,251 | 332 | 249 | 47 | 66 | – | 19 | 1 | 1 | 11 | – | – | – | 2 | 15 | 27 | 81 |
| NORTH DISTRICTS - - - | 1,040,694 | 536 | 301 | 61 | 73 | – | 19 | 2 | 9 | 12 | – | 2 | – | 1 | 6 | 28 | 91 |
| CENTRAL DISTRICTS - - - | 233,635 | 126 | 103 | 24 | 15 | – | 8 | – | 1 | 2 | – | 1 | – | – | 7 | 10 | 34 |
| EAST DISTRICTS - - - | 716,334 | 479 | 224 | 52 | 49 | – | 8 | 1 | 3 | 6 | – | 1 | – | 1 | 12 | 29 | 79 |
| SOUTH DISTRICTS - - - | 1,642,796 | 952 | 449 | 104 | 107 | – | 22 | 7 | 6 | 17 | – | 2 | – | 3 | 18 | 26 | 111 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | — | – | 32 | – | 13 | – | – | – | – | – | – | 1 | – | 1 | – | 2 | 32 |
| **WEST DISTRICTS.** | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 53 | 31 | 7 | 6 | – | 5 | – | – | 1 | – | – | – | – | – | 2 | 6 |
| St. John Paddington *H* - - G. | 33,510 | 4 | 10 | 1 | 4 | – | – | – | – | – | – | – | – | – | 3 | 3 | 4 |
| Kensington Town *Ww* - - W. | 122,164 | 72 | 49 | 9 | 16 | – | 2 | – | – | 3 | – | – | – | – | 2 | 3 | 19 |
| Brompton *HH*- - - W. & C. | 48,301 | 9 | 10 | – | 4 | – | – | – | – | – | – | – | – | – | 1 | 1 | 4 |
| St. Peter Hammersmith - - W. | 9,097 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| St. Paul Hammersmith *HH* W. & G. | 35,102 | 36 | 26 | 8 | 4 | – | 2 | – | – | 1 | – | – | – | – | – | 1 | 5 |
| Fulham *Ww* - - - W. & C. | 113,781 | 66 | 35 | 8 | 6 | – | 3 | 1 | 1 | 2 | – | – | – | 1 | 1 | 2 | 16 |
| Chelsea Kensal Town - C. | 21,450 | 4 | 8 | 1 | 2 | – | 2 | – | – | – | – | – | – | – | – | 1 | – |
| Chelsea North *WHHHHH* - C. | 42,057 | 12 | 15 | 2 | – | – | 1 | – | – | – | – | – | – | – | 4 | 5 | 10 |
| Chelsea South *HH* - - C. | 33,139 | 12 | 13 | 3 | 6 | – | 1 | – | – | – | – | – | – | – | – | – | 1 |
| May Fair *W* - - - - G. | 23,827 | 9 | 10 | – | 6 | – | – | – | – | – | – | – | – | – | 2 | 2 | 6 |
| Belgrave *WHHH* - - - C. | 56,140 | 18 | 21 | 3 | 7 | – | – | – | – | 2 | – | – | – | – | 2 | 6 | 6 |
| St. John Westminster *HH* - C. | 31,492 | 18 | 7 | 1 | 1 | – | 2 | – | – | 2 | – | – | – | – | – | – | 1 |
| St. Margaret Westminster *H*- C. | 22,097 | 4 | 3 | – | – | – | 1 | – | – | – | – | – | – | – | – | 1 | 2 |
| St. James Westminster *WHH* N. & G. | 23,050 | 6 | 7 | 2 | 3 | – | – | – | – | – | – | – | – | – | – | – | 1 |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 6 | 4 | 2 | 1 | – | – | – | – | – | – | – | – | 1 | – | – | – |
| **NORTH DISTRICTS.** | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHdHHd* - W. | 36,595 | 12 | 13 | 1 | 4 | – | 2 | – | – | – | – | 1 | – | – | – | – | 2 |
| Rectory Marylebone *W* G. & W. | 19,798 | 9 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 24 | 9 | 3 | 2 | – | 2 | – | – | – | – | – | – | – | – | – | 2 |
| Christchurch Marylebone *H* - W | 32,547 | 9 | 10 | 2 | 3 | – | 2 | – | – | 1 | – | – | – | – | 1 | 1 | – |
| St. John Marylebone *HHH* W. | 32,611 | 12 | 6 | 3 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 37 | 18 | 3 | 3 | – | – | – | 4 | 1 | – | – | – | – | – | – | 7 |
| Regent's Park Pancras *HH* - W. | 37,341 | 13 | 10 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – | 2 |
| Tottenham-court *wHH* - N. & W. | 26,757 | 7 | 19 | 3 | – | – | 2 | – | – | – | – | – | – | – | – | 1 | 15 |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 13 | 9 | 3 | 3 | – | – | – | – | – | – | – | – | – | – | 1 | 2 |
| Somers Town *HH* - - - N. | 32,161 | 17 | 6 | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | 3 |
| Camden Town *WH* - - N. | 16,669 | 13 | 11 | 1 | 5 | – | – | – | – | – | – | – | – | – | – | 2 | 7 |
| Kentish Town *WW* - - N. | 98,410 | 59 | 30 | 3 | 11 | – | – | – | – | 2 | – | – | – | – | – | 5 | 6 |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 53 | 49 | 6 | 14 | – | 4 | – | – | – | – | – | – | 1 | 3 | 6 | 28 |
| Islington South-west H - N. | 107,365 | 55 | 24 | 4 | 6 | – | 2 | – | 1 | 1 | – | – | – | – | 1 | 3 | – |
| Islington South-east - - N. | 66,549 | 37 | 13 | 5 | 3 | – | – | – | – | 2 | – | – | – | – | – | 1 | – |
| Highbury *HH* - - - N. | 64,577 | 38 | 16 | 5 | 4 | – | – | 1 | – | 2 | – | – | – | – | – | 3 | 2 |
| Stoke Newington *H* - N. | 33,485 | 10 | 10 | 1 | 4 | – | – | – | – | – | – | – | – | – | – | 1 | – |
| North Hackney - - E. & N. | 213,044 | 14 | 6 | 3 | – | – | 2 | – | – | – | – | – | – | – | – | 1 | – |
| Central Hackney *mw* - E. & N. | | 29 | 15 | 5 | 2 | – | – | 1 | 4 | – | – | 1 | – | – | – | – | 5 |
| South-west Hackney *HHH* E. & N. | | 41 | 15 | 5 | 1 | – | 1 | – | – | 2 | – | – | – | – | 1 | 3 | 4 |
| South-east Hackney *WwH* E.&N. | | 34 | 12 | 4 | 3 | – | – | – | – | 1 | – | – | – | – | – | – | 6 |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated there, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers are received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River; E. London; and K the Kent Company.

* See note * on first page of this Return.

BLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday, 14th May, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population. 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CENTRAL DISTRICTS. | | | | | | | | | | | | | | | | | | |
| George Bloomsbury - - N. | 16,110 | 11 | 3 | 1 | – | – | – | – | – | – | – | 1 | – | – | – | – | – | – |
| Giles South *WH* - - N. | 12,976 | 8 | 8 | 3 | – | – | 1 | – | – | 1 | – | – | – | | – | – | 2 | – |
| Giles North *H* - - - N. | 9,151 | 4 | 4 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Martin-in-the-Fields *HH* N. & C. | 13,077 | 3 | 6 | – | 1 | – | – | – | – | – | – | – | – | – | 1 | 2 | 3 | – |
| and *WHH* - - - - N. | 11,839 | 2 | 9 | 1 | 2 | – | 1 | – | – | – | – | – | – | – | 1 | 1 | 4 | – |
| *and Union Workhouse, Edmonton* | †*1,037* | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| lborn *wHHHHHHH* - N. | 31,042 | 19 | 23 | 7 | 2 | – | 4 | – | – | – | – | – | – | – | 1 | 2 | 9 | – |
| James Clerkenwell - - N. | 15,777 | 8 | 3 | 2 | – | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| well Clerkenwell - - N. | 34,356 | 23 | 10 | 4 | – | – | 1 | – | – | – | – | – | – | – | 1 | 1 | – | – |
| swell-street - - - - N. | 16,069 | 9 | 5 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| y-road *θHHL* - - - N. | 29,897 | 30 | 15 | 2 | 3 | – | – | – | 1 | 1 | – | – | – | – | – | – | 4 | – |
| itecross-street - - - N. | 7,595 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| sbury - - - - - N. | 4,035 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| *lborn Union Workhouse, Hitcham* - - - - | †*892* | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Botolph *H* - - N. & E. | 6,870 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| pulegate - - - - N. | 3,299 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Sepulchre *WH* - - - N. | 9,591 | 3 | 12 | – | 2 | – | – | – | – | – | – | – | – | – | 2 | 2 | 9 | – |
| nallows Barking - - - N. | 9,059 | 1 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| ad Street *H* - - - N. | 2,892 | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| *of London Asylum, Stone* - - | †*388* | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| EAST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| reditch South *Hl* - E. & N. | 17,975 | 14 | 7 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| ton New Town *w* - - N. | 29,575 | 18 | 9 | 1 | 4 | – | – | – | – | – | – | – | – | – | – | – | 4 | – |
| ton Old Town - - - N. | 27,645 | 17 | 4 | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| ggerston *WH* - - N. & E. | 47,163 | 23 | 13 | 4 | 1 | – | 1 | – | – | – | – | – | – | – | 1 | 3 | 7 | – |
| hnal Green North *H* - E. | 49,301 | 33 | 10 | 2 | 4 | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| hnal Green South - - E. | 34,194 | 21 | 6 | 1 | – | – | 2 | – | – | – | – | – | – | – | 1 | 1 | – | – |
| hnal Green East *WHl* - E. | 45,667 | 33 | 29 | 3 | 12 | – | – | – | – | – | – | 1 | – | – | – | 1 | 21 | – |
| talfields - - - E. & N. | 26,681 | 18 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| e End New Town *W* - E. | 12,816 | 20 | 12 | 3 | 1 | – | 1 | – | – | 1 | – | – | – | – | – | 2 | 6 | – |
| itechapel Church *H* - E. & N. | 25,561 | 21 | 14 | 3 | 1 | – | – | – | – | – | – | – | – | – | 3 | 4 | 12 | – |
| dman's Fields - - - E. | 13,618 | 7 | 4 | – | 3 | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| George's North - - - E. | 39,576 | 36 | 7 | 2 | – | – | – | – | – | 1 | – | – | – | – | 1 | 1 | – | – |
| John, St. George East *W* E. | 7,930 | 3 | 7 | 1 | 2 | – | – | – | – | – | – | – | – | – | 1 | 1 | 5 | – |
| dwell *H* - - - E. & N. | 10,434 | 3 | 3 | – | – | – | – | – | – | – | – | – | – | – | 1 | 2 | 3 | – |
| cliff *W* - - - - E. | 14,954 | 7 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| ehouse - - - - E. | 32,917 | 18 | 11 | 4 | 1 | – | 2 | – | – | – | – | – | – | – | 1 | 3 | – | 1 |
| e End Old Town West *H* E. | 111,060 | 49 | 8 | 3 | 1 | – | 1 | – | – | 1 | – | – | – | – | – | – | – | – |
| e End Old Town East *Www* - E. | | 27 | 20 | 6 | 7 | – | – | – | – | 1 | – | – | – | – | – | 1 | 7 | – |
| *l* - - - - E. | 41,687 | 21 | 9 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 3 | – |
| mley *wwwH* - - - E. | 69,821 | 50 | 33 | 12 | 6 | – | 1 | 1 | 1 | 2 | – | – | – | 1 | 2 | 4 | 10 | – |
| lar *WW* - - - - E. | 57,759 | 40 | 12 | 2 | 4 | – | – | – | 2 | – | – | – | – | – | 1 | 3 | 1 | – |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX MEASLES SCARLET FEVER. DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA. VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 14th May, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WHL*.&S. | 13,064 | 9 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | 2 | 2 | - | - |
| St. Saviour Southwark - - S. | 12,301 | 2 | 4 | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - |
| Kent-road - - - - S. & L. | 22,879 | 9 | 6 | - | 2 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| Borough-road *WH* - S. & L. | 16,083 | 6 | 7 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | 4 | - |
| London-road *HL* - - L. & S. | 21,316 | 12 | 5 | 2 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - |
| Trinity Newington - - S. & L. | 28,723 | 19 | 3 | 1 | 1 | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - |
| St. Peter Walworth *W* - S. & L. | 62,045 | 43 | 10 | 3 | 2 | - | - | - | - | - | - | - | - | - | - | - | 2 | - |
| St. Mary Newington- - L. & S. | 30,171 | 23 | 10 | 1 | 3 | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - |
| St. Olave *WH* - - - - S. | 11,731 | 5 | 16 | 1 | 3 | - | 1 | - | - | - | - | - | - | - | 5 | 5 | 13 | - |
| Leather Market *W* - S. & L. | 32,339 | 25 | 10 | 3 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | 2 | 1 |
| St. James Bermondsey - - S. | 53,136 | 20 | 5 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Rotherhithe *WwH* - S. & K. | 40,379 | 26 | 21 | 5 | 5 | - | 3 | - | - | - | - | - | - | - | - | - | 9 | - |
| Waterloo-road *HH* - L. & S. | 28,396 | 21 | 3 | 2 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 9 | 14 | 2 | 1 | - | - | - | - | 1 | - | - | - | - | 2 | 3 | 9 | - |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 30 | 24 | 6 | 8 | - | - | - | - | - | - | - | - | - | 1 | 1 | 12 | - |
| Kennington 1st *H* - - S. & L. | 52,486 | 39 | 13 | 3 | 5 | - | 3 | - | - | - | - | - | - | - | - | 1 | - | - |
| Kennington 2nd - - S. & L. | 43,244 | 22 | 11 | 4 | 4 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| Brixton *w* - - - L. & S. | 81,825 | 44 | 9 | 4 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Norwood *WH* - - - - L. | 29,318 | 16 | 5 | 2 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| East Battersea - - - - S. | 71,730 | 35 | 12 | 5 | 5 | - | - | - | - | 1 | - | - | - | - | - | - | - | - |
| West Battersea *WwH* - - S | 93,385 | 57 | 26 | 3 | 9 | - | - | - | 1 | - | - | - | - | - | - | - | 8 | - |
| Clapham *H* - - - - S. | 46,958 | 23 | 10 | 4 | 3 | - | 1 | - | - | - | - | - | - | - | - | 1 | - | - |
| Wandsworth *WHHL* - - S. | 58,101 | 32 | 20 | 5 | 9 | - | 1 | - | 1 | 3 | - | - | - | - | 2 | 4 | - | - |
| Putney - - - - - S. | 20,566 | 14 | 5 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Streatham *Wwww* - - - L. | 61,644 | 31 | 14 | 2 | 3 | - | - | 1 | 2 | - | - | - | - | 1 | - | - | 4 | - |
| Dulwich - - - - L. & S. | 7,519 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Camberwell *Wwll* - S. & L. | 90,286 | 43 | 29 | 7 | 6 | - | - | - | - | 2 | - | - | - | 2 | - | 1 | 18 | - |
| Peckham *WW* - S., L., & K. | 88,242 | 56 | 24 | 8 | 5 | - | 1 | - | - | 1 | - | - | - | - | 1 | 2 | - | 2 |
| St. George Camberwell - L. & S. | 67,029 | 50 | 21 | 5 | 3 | - | - | - | - | - | - | - | - | - | 2 | 2 | - | - |
| Deptford North - - - K. | 36,152 | 33 | 12 | 2 | 2 | - | 2 | - | - | 3 | - | - | - | - | - | - | - | - |
| Deptford Central *w* - - K. | 45,441 | 29 | 7 | 1 | 1 | - | - | - | - | - | - | 1 | - | - | - | - | 1 | - |
| Deptford South - - - K. | 33,402 | 10 | 7 | 3 | 1 | - | 1 | - | - | 1 | - | - | - | - | - | - | - | - |
| Greenwich West *H* - - K. | 23,012 | 6 | 6 | 3 | 1 | - | 2 | - | - | 1 | - | - | - | - | - | - | 1 | - |
| Greenwich East *WH* - - K. | 37 767 | 23 | 14 | 2 | 5 | - | 1 | - | - | - | - | - | - | - | - | - | 8 | 1 |
| Eltham *wH* - - - - K. | 5,911 | 3 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Lee *H* - - - - - K. | 24,222 | 12 | 5 | - | 2 | - | - | - | - | - | - | 1 | - | - | - | - | 1 | - |
| Lewisham *WwH* - - - K. | 38,139 | 25 | 17 | 2 | 2 | - | - | 4 | 1 | - | - | - | - | - | 1 | 1 | 8 | - |
| Sydenham *H* - - - - L. | 37,601 | 24 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Charlton *wHH* - - K. | 15,928 | 7 | 8 | 3 | 1 | - | - | 2 | 1 | - | - | - | - | - | - | - | 4 | - |
| Woolwich Dockyard - - K. | 19,355 | 9 | 6 | - | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - | 1 |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 14 | 4 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Plumstead West *H* - - K. | 16,714 | 7 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 1 |
| Plumstead East *WH* - - K. | 42,538 | 17 | 17 | 2 | 3 | - | 3 | - | - | - | - | - | - | - | - | - | 7 | - |
| Banstead Asylum - - - - | — | - | 4 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 4 | - |
| Caterham Asylum - - - - | — | - | 5 | - | 3 | - | - | - | - | - | - | - | - | - | - | - | 5 | - |
| Cane Hill Asylum - - - - | — | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Hospital Ships and Camp, Dartford | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Darenth Asylum - - - - | — | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - |
| Hanwell Asylum - - - - | — | - | 3 | - | - | - | - | - | - | - | - | 1 | - | - | - | - | 3 | - |
| Colney Hatch Asylum - - - | — | - | 4 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 4 | - |
| N.E. Hospital - - - - - | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Winchmore Hill Hospital - - | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Leavesden Asylum - - - - | — | - | 6 | - | 4 | - | - | - | - | - | - | - | - | - | - | - | 6 | - |
| Claybury Asylum - - - - | — | - | 7 | - | 4 | - | - | - | - | - | - | - | - | 1 | - | 2 | 7 | - |

ABLE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 14th May, 1898.

| Registration District and Sub-district Numbers. | REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years & upwds. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LONDON—OUTER RING - | 368,749 | 1,422,063 | 972 | 357 | 81 | 87 | – | 13 | 2 | 10 | 13 | 5 | 6 | 19 | 34 | 38 | 5 |
| 30 : 1 | Carshalton *wHH* - - | 12,228 | 26,108 | 18 | 5 | – | – | – | – | – | 1 | – | – | – | – | 2 | – | – |
| 2 | Epsom, *part of** *WwHH* - | 10,423 | 12,508 | 5 | 10 | 1 | 4 | – | – | – | – | – | – | – | – | – | 6 | – |
| 37 : 1 | Godstone, *part of** *W* - | 2,754 | 1,598 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 38 : 1 | Croydon *WwHHH* - - | 20,851 | 128,699 | 61 | 41 | 9 | 13 | – | 1 | 1 | | 2 | – | 1 | 1 | 3 | 8 | – |
| 2 | Mitcham *w* - - - | 11,697 | 23,088 | 12 | 4 | – | 1 | – | – | – | – | – | – | – | – | 1 | – | – |
| 39 : 1 | Wimbledon *HHH* - - | 3,220 | 25,761 | 22 | 3 | 2 | – | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Kingston *W* - - - | 8,071 | 33,566 | 25 | 10 | 2 | 3 | – | – | – | 1 | – | – | 1 | – | – | 1 | – |
| 3 | Surbiton *H-* - - - | | 11,199 | 5 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| 4 | Esher, *part of** *HH* - - | 6,601 | 12,059 | 5 | 5 | – | 3 | – | – | – | – | – | – | – | – | – | – | – |
| 5 | Hampton *HL* - - - | 4,565 | 18,252 | 6 | 6 | – | 2 | – | – | – | – | – | – | – | 1 | 1 | – | – |
| 40 : 1 | Richmond *WH* - - - | 2,160 | 25,389 | 10 | 7 | 1 | 4 | – | – | – | – | – | – | – | – | – | 2 | – |
| 2 | Mortlake *H* - - - | 2,823 | 16,159 | 5 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 41 : 1 | Bromley *HHH* - - - | 9,127 | 23,815 | 8 | 4 | 1 | 2 | – | – | – | – | – | – | – | 2 | – | 1 | 1 |
| 2 | Beckenham *H* - - - | 6,542 | 21,969 | 13 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 14 | 3 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 42 : 1 | Bexley *HHH* - - - | 12,540 | 30,590 | 21 | 6 | 2 | – | – | 1 | – | – | 1 | – | – | 1 | 1 | – | – |
| 2 | Dartford *WH, part of** - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 44 : 1 | Sunbury *w* - - - | 11,054 | 13,671 | 7 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Staines *WH* - - - | 13,277 | 13,221 | 10 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| 45 : 1 | Hillingdon *WHH* - - | 6,035 | 12,237 | 4 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | 1 |
| 2 | Uxbridge - - - - | 12,757 | 7,253 | 3 | 5 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Hayes *wH* - - - - | 7,952 | 11,051 | 1 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| 46 : 1 | Isleworth *WHH* - - | 6,967 | 26,004 | 18 | 8 | 1 | 2 | – | 2 | – | – | – | 1 | – | 1 | 1 | 1 | – |
| 2 | Twickenham *HH* - - | 2,415 | 16,027 | 10 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Brentford *HHHH* - - | 4,318 | 37,777 | 18 | 10 | 3 | 2 | – | – | – | – | – | – | – | – | – | – | 1 |
| 4 | Chiswick - - - - | 1,245 | 21,963 | 11 | 10 | 2 | 3 | – | 1 | – | – | 1 | – | – | 1 | 2 | – | – |
| 5 | Acton *wH* - - - - | 6,132 | 30,945 | 34 | 3 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| 47 : 1 | Harrow *HHH* - - - | 13,809 | 15,715 | 8 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Edgware *HH* - - - | 6,994 | 3,844 | 5 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Willesden *HHH* - - | 4,383 | 61,265 | 66 | 19 | 6 | 3 | – | 2 | – | – | – | – | 1 | – | 2 | – | – |
| 4 | Hendon *WH* - - - | 8,382 | 15,843 | 16 | 2 | – | 2 | – | – | – | – | – | – | – | 2 | – | – | – |
| 48 : 1 | South Mimms *HH* - - | 21,077 | 6,367 | 3 | 1 | – | – | – | – | – | – | – | 1 | – | – | – | – | – |
| 2 | Barnet *WHH* - - - | | 14,152 | 14 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Finchley *HHH* - - - | 4,688 | 25,820 | 14 | 4 | 2 | 1 | – | – | – | – | – | – | – | 1 | 1 | – | – |
| 49 : 1 | Hornsey *HH* - - - | 3,039 | 61,097 | 33 | 12 | 4 | 1 | – | 1 | – | – | – | – | – | 1 | 1 | – | – |
| 2 | Tottenham *HH* - - - | 4,642 | 97,174 | 75 | 29 | 9 | 4 | – | 2 | – | 2 | 1 | – | 1 | 1 | 4 | – | 1 |
| 3 | Edmonton *Www* - - | 7,489 | 36,351 | 22 | 15 | 4 | 5 | – | – | – | – | 2 | – | – | – | 3 | 3 | – |
| 4 | Enfield *WWHH* - - | 12,602 | 31,536 | 17 | 8 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 5 | Waltham Abbey - - - | 11,017 | 6,066 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 6 | Cheshunt *H* - - - | 8,480 | 9,620 | 8 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 55 : 1 | Hatfield, *part of** *W* - - | 3,306 | 582 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 57 : 1 | Bushey *H* - - - - | 9,331 | 7,737 | 4 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Watford *WH, part of** - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 63 : 1 | Stratford *H* - - - | 4,706 | 38,612 | 32 | 12 | 4 | 4 | – | – | – | 1 | 1 | – | – | 1 | 1 | – | 1 |
| 2 | Plaistow *WHH* - - - | | 58,030 | 55 | 14 | 2 | 1 | – | – | – | 3 | 2 | – | 1 | 2 | 2 | – | – |
| 3 | Canning Town *H* - - | | 54,750 | 62 | 15 | 6 | 1 | – | 1 | – | – | – | 1 | – | 2 | 3 | 1 | – |
| 4 | Forest Gate *w* - - - | | 53,511 | 25 | 10 | – | 3 | – | – | – | – | – | 1 | – | 1 | 2 | – | – |
| 5 | East Ham *wH* - - - | 3,266 | 32,713 | 37 | 11 | 4 | – | – | 1 | 1 | – | 1 | 1 | – | – | – | 1 | – |
| 6 | Leyton *WWWwH* - - | 4,334 | 70,188 | 53 | 27 | 3 | 14 | – | – | – | – | 1 | – | 1 | – | 1 | 10 | – |
| 7 | Walthamstow *HHL* - - | 6,501 | 57,330 | 41 | 9 | 4 | 1 | – | – | – | – | 1 | – | – | – | – | 1 | – |
| 71 : 1 | Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 6 | 2 | – | 1 | – | 1 | – | – | – | – | – | – | – | 1 | – |
| 2 | Epping *WH, part of** - - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 79 : 1 | Romford, *part of** *WH* - | 6,556 | 4,324 | 4 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Ilford - - - - - | 8,493 | 10,913 | 7 | 5 | 2 | – | – | – | – | – | – | – | – | – | 2 | – | – |
| 3 | Barking Town, *H* - - | 3,814 | 14,301 | 14 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| | Homerton Fever Hosp, - | — | — | – | 1 | – | – | – | – | – | 1 | – | – | – | – | – | 1 | – |
| | Middlesex Co. Lunatic Asy. Wandsworth. | — | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring re as follows:—30 : 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37 : 1, the parishes of Warlingham nd Farley in Godstone sub-district; 39 : 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41 : 3, Chislehurst ub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135 : 1, the parish of Northaw in atfield sub-district; 187 : 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping op. 1,079); 189 : 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for fectious Diseases belonging to the Outer Ring in 42 : 2, Dartford; 137 : 2, Watford: and 187 : 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 14th May, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | ANNUAL RATE of MORTALITY per 1000 living. | | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Deaths of | | Deaths from | | | | | | | | | |
| | | | From All Causes. | From Diseases in Cols. 8-14. | | Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Deaths in Public |
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. | 16 |
| GREATER LONDON | **443,421** | **6,408,321** | **13·9** | **1·8** | **1713** | **369** | **410** | **–** | **89** | **13** | **30** | **61** | **12** | **14** | **77** | **46** |
| INNER LONDON - | 74,672 | 4,504,766 | 15·7 | 2·0 | 1356 | 288 | 323 | – | 76 | 11 | 20 | 48 | 7 | 8 | 58 | 42 |
| OUTER RING - | 368,749 | 1,903,555 | 9·8 | 1·3 | 357 | 81 | 87 | – | 13 | 2 | 10 | 13 | 5 | 6 | 19 | 3 |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent to the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

| CITIES | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | | BIRTHS. | DEATHS. | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM PRINCIPAL ZYMOTIC DISEASES. | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Exclusive of Stillborn | | | Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœal Diseases |
| EDINBURGH - | 295,628 | May | 14 | 166 | 95 | 16·8 | – | 2 | 2 | – | 3 | 1 | |
| GLASGOW - - | 724,349 | „ | 14 | 524 | 325 | 23·4 | – | 27 | 2 | – | 17 | 5 | |
| DUBLIN - - | 349,594 | „ | 14 | 270 | 151 | 22·5 | – | – | 1 | 1 | 3 | 2 | – |
| CALCUTTA - - | 466,460 | April | 2 | – | 282 | 31·5 | 6 | 3 | – | 1 | – | 100 | 5 |
| BOMBAY - - | 821,764 | „ | 19 | 123 | 1186 | 75·0 | 2 | 8 | ? | ? | ? | 611‡ | 6 |
| MADRAS - - | 452,518 | „ | 15 | 332 | 343 | 39·4 | 7 | 32 | ? | ? | ? | 97 | 5 |
| PARIS - - - | 2,511,629 | May | 7 | 1137 | 1028 | 21·2 | – | 34 | 2 | 3* | 3 | 4 | 4 |
| BRUSSELS - - | 531,024 | „ | 7 | 228 | 169 | 16·5 | – | – | – | 1* | 2 | 1 | 1 |
| AMSTERDAM - | 505,326 | April | 30 | 301 | 152 | 15·7 | – | – | 1 | 2 | 3 | – | – |
| ROTTERDAM - | 290,004 | „ | 30 | 200 | 151 | 27·0 | – | 8 | – | 1 | 5 | – | – |
| THE HAGUE - | 191,529 | „ | 30 | 114 | 73 | 19·7 | – | – | – | 1 | 2 | – | – |
| COPENHAGEN - | 340,500 | May | 7 | 188 | 130 | 20·0 | – | – | – | 1 | 7 | – | |
| STOCKHOLM - | 274,611 | April | 30 | 166 | 104 | 19·1 | – | – | 2 | 6* | 1 | – | – |
| CHRISTIANIA - | 192,141 | May | 7 | 130 | 77 | 20·8 | – | – | 1 | 1 | – | 1 | – |
| ST. PETERSBURG | 954,400 | April | 30 | 687 | 581 | 31·8 | 2 | 10 | 11 | 24 | 3 | 15 | 6 |
| MOSCOW - - | 988,610 | „ | 30 | – | 529 | 27·9 | 1 | 11 | 16 | 10 | 1 | 3 | 6 |
| BERLIN - - | 1,753,775 | „ | 23 | 848 | 488 | 14·4 | – | 6 | 3 | 9 | 10 | 1 | 2 |
| HAMBURG - - | 661,015 | May | 7 | – | 247 | 19·4 | – | 7 | – | 1* | 6 | 1 | – |
| DRESDEN - - | 377,500 | March | 30 | – | – | – | – | – | – | – | – | – | – |
| BRESLAU - - | 392,795 | May | 7 | – | 189 | 25·1 | – | 6 | 1 | – | 3 | 1 | 1 |
| MUNICH - - | 430,000 | „ | 7 | – | 211 | 25·5 | – | – | 2 | 4* | 2 | – | 3 |
| VIENNA - - | 1,574,129 | „ | 7 | 944 | 752 | 24·6 | – | 29 | 11 | 9* | 6 | 2 | 5 |
| PRAGUE - - | 377,109 | „ | 7 | 240 | 169 | 23·0 | – | 4 | 1 | 1 | – | 2 | |
| BUDA-PESTH - | 648,104 | „ | 7 | – | – | – | – | – | – | – | – | – | – |
| TRIESTE - - | 164,491 | „ | 7 | – | – | – | – | – | – | – | – | – | – |
| ROME - - - | 489,965 | April | 9 | – | – | – | – | – | – | – | – | – | – |
| TURIN (10 days) | 344,203 | March | 20 | 215 | 183 | 19·4 | – | 1 | – | 3 | 1 | 1 | |
| VENICE - - | 167,074 | April | 30 | – | – | – | – | – | – | – | – | – | – |
| CAIRO - - | 570,062 | February | 11 | 486 | 316 | 28·8 | 1 | 2 | – | 1* | 1 | 4 | 4 |
| ALEXANDRIA - | 319,766 | „ | 11 | 270 | 187 | 30·4 | 12 | – | – | 1* | – | 3 | 3 |
| NEW YORK (including BROOKLYN) | 3,433,899 | April | 23 | 1462 | 1171 | 17·8 | – | 24 | 16 | 37 | 16 | 2 | 1 |
| PHILADELPHIA - | 1,240,266 | „ | 30 | – | – | – | – | – | – | – | – | – | – |

* Including deaths from croup.
† Including 28 deaths from cholera in Calcutta, 5 in Bombay, and 1 in Madras.
‡ Including 541 deaths from bubonic fever.

| 1898. Month and Day. | Phases of the Moon. | Meter. Mean daily reading (corrected and reduced to 32° Fahrenheit). | Temperature. Of the Air. High-est. | Temperature. Of the Air. Low-est | Temperature. Of the Air. Daily Range. | Temperature. Of the Air. Mean daily value. | Temperature. Of the Air. Departure from Average of 50 years. | Temperature. Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Difference. Great-est. | Difference. Least. | Degree of Humidity (Saturation equals 100). | Temperature. Of Radiation. Highest in Sun's Rays. | Temperature. Of Radiation. Lowest on the Grass. | Temperature. Of the Earth 3 feet below the Surface. | Wind as deduced from Anemometers. Osler's. General Direction. A.M. | Wind. Osler's. General Direction. P.M. | Wind. Osler's. Pressure on the Square Foot. Great-est. | Wind. Osler's. Pressure. Least. | Wind. Osler's. Pressure. Mean of 24 hourly obs. | Wind. Robinson's. Horizontal Movement of the Air on each Day. | Wind. Robinson's. Departure from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| SUNDAY - 8 | Greatest Dec. S. | 29·961 | 55·0 | 47·9 | 7·1 | 50·8 | − 0·2 | 48·1 | 2·7 | 4·6 | 0·2 | 91 | 74·7 | 46·0 | 49·56 | S. & SW. | SW., WSW. & NW. | 2·1 | 0·0 | 0·1 | 225 | − 26 | 0·04 | 0·0 |
| MONDAY - 9 | .. | 29·869 | 60·5 | 50·1 | 10·4 | 54·1 | + 2·9 | 45·0 | 9·1 | 14·8 | 0·8 | 71 | 83·0 | 44·5 | 49·77 | NW., W., & NNW. | NW, WNW. & N. | 2·8 | 0·0 | 0·1 | 241 | − 10 | 0·00 | 0·0 |
| TUESDAY - 10 | .. | 29·630 | 60·8 | 48·7 | 12·1 | 54·3 | + 2·8 | 50·6 | 3·7 | 9·1 | 0·0 | 87 | 85·2 | 46·1 | 50·00 | SW., SSE., & WSW. | WSW. & SW. | 3·7 | 0·0 | 0·3 | 234 | − 17 | 0·06 | 0·0 |
| WEDNESDAY 11 | .. | 29·085 | 59·7 | 46·1 | 13·6 | 51·4 | − 0·3 | 39·0 | 12·4 | 20·3 | 1·6 | 63 | 122·9 | 42·3 | 50·21 | SW. & WSW. | WSW. & SW. | 18·6 | 0·0 | 1·9 | 687 | +437 | 0·12 | 0·0 |
| THURSDAY - 12 | Last Qr. | 29·192 | 55·2 | 40·2 | 15·0 | 46·6 | − 5·4 | 40·6 | 6·0 | 14·4 | 3·1 | 80 | 105·2 | 34·6 | 50·39 | SW. & N. | N. | 5·8 | 0·0 | 0·2 | 240 | − 10 | 0·03 | 0·0 |
| FRIDAY - 13 | .. | 29·537 | 60·0 | 36·0 | 24·0 | 46·8 | − 5·5 | 36·6 | 10·2 | 20·3 | 4·0 | 68 | 118·5 | 32·0 | 50·50 | W. & WSW. | WSW. & SW. | 3·5 | 0·0 | 0·3 | 317 | + 67 | 0·02 | 0·0 |
| SATURDAY - 14 | In Equator | 29·[illegible]68 | 61·6 | 44·2 | 17·4 | 51·1 | − 1·5 | 41·1 | 10·0 | 19·8 | 1·3 | 69 | 109·1 | 10·4 | 50·23 | SW. WSW., & W. | NNW., N. & SE. | 2·2 | 0·0 | 0·1 | 229 | − 20 | 0·27 | 0·0 |
| MEANS - - | | 29·549 | 59·0 | 44·7 | 14·2 | 50·7 | − 1·0 | 43·0 | 7·7 | 14·8 | 1·6 | 76 | 100·7 | 40·8 | 50·09 | SW. | | .. | .. | .. | Sum 2173 | Sum +421 | Sum 0·54 | 0·0 |
| No. of Column - | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| Date. May | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | General Remarks. |
|---|---|---|---|---|
| SUNDAY - 8 | w. P. throughout - | 0·0 | 15·2 | Generally overcast; frequent slight rain. |
| MONDAY - 9 | m. P. generally - | 3·4 | 15·2 | Generally overcast till noon; fine and partially cloudy afterwards. |
| TUESDAY - 10 | w. P. generally - | 0·2 | 15·3 | Generally overcast; occasional showers. Gloomy in forenoon. |
| WEDNESDAY 11 | w. P. generally till noon; w. P. & v. N. afterwards. | 9·2 | 15·3 | Overcast with frequent showers in morning: fine afterwards with occasional light showers during the evening. Strong gusty wind till 5h. P.M. |
| THURSDAY - 12 | w. P. till 5h. A.M.; v. P. and v. N. afterwards. | 1·2 | 15·4 | Generally overcast till 2h. P.M.; fine and partially cloudy afterwards. Occasional showers during the day. |
| FRIDAY - 13 | m. P. till noon; w. P. till 4h. P.M.; v. P. and v. N. afterwards. | 10·0 | 15·4 | Cloudless and very cold in morning; fine with variable amounts of cloud till 4h. P.M.: overcast afterwards. Frequent showers after 2h. P.M. |
| SATURDAY - 14 | w. P. & v. N. till 8h. A.M.; m. P. generally afterwards. | 6·3 | 15·5 | Overcast with heavy showers in morning; fine and partially cloudy afterwards. |
| | | Sum 30·8 | Sum 107·3 | |
| No. of Col. - - | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased from 30·10 in. at the beginning of the week to 29·03 in. by 3h. A.M. on the 12th; increased to 29·55 in. by 2h. P.M. on the 13th; decreased to 29·47 in. by 4h. A.M. on the 14th; and increased to 29·68 in. by the end of the week.

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1898

OFFICIAL COPY.

# WEEKLY RETURN

OF

# BIRTHS AND DEATHS IN LONDON

AND IN

# THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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No. 20. 1898. VOL. LIX.] WEEK ENDING SATURDAY, MAY 21. [Price 1½*d*.

*General Register Office, Somerset House,*
*May 23rd*, 1898.

## THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 16·4 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS. | Weeks ending April 30. | May 7. | May 14. | May 21. | TOWNS. | Weeks ending April 30. | May 7. | May 14. | May 21. |
|---|---|---|---|---|---|---|---|---|---|
| **33 Great Towns** | **18·4** | **17·4** | **16·6** | **16·4** | Leicester - - | 18·2 | 16·0 | 15·5 | 15·2 |
| Birkenhead - | 15·2 | 13·8 | 14·3 | 14·7 | Liverpool - - | 30·0 | 26·2 | 22·6 | 22·6 |
| Birmingham - | 17·4 | 18·8 | 17·6 | 16·7 | London - - - | 17·2 | 16·9 | 15·7 | 15·7 |
| Blackburn - | 20·4 | 19·2 | 11·7 | 16·4 | Manchester - - | 18·1 | 20·4 | 21·8 | 19·5 |
| Bolton - - | 20·9 | 13·6 | 22·1 | 21·3 | Newcastle-on-Tyne | 22·4 | 20·8 | 15·9 | 23·6 |
| Bradford - | 20·3 | 16·5 | 16·5 | 15·2 | Norwich - - | 19·6 | 15·9 | 17·7 | 17·7 |
| Brighton - | 14·9 | 14·9 | 10·2 | 10·7 | Nottingham - - | 13·9 | 16·3 | 15·5 | 12·8 |
| Bristol - | 16·9 | 15·5 | 11·8 | 15·8 | Oldham - - | 20·7 | 21·1 | 19·7 | 15·1 |
| Burnley - | 16·2 | 13·3 | 18·1 | 12·4 | Plymouth - - | 18·4 | 15·3 | 20·0 | 15·8 |
| Cardiff - - | 10·3 | 12·9 | 11·7 | 8·8 | Portsmouth - - | 14·0 | 12·6 | 16·8 | 8·9 |
| Croydon - | 14·7 | 10·9 | 14·7 | 9·2 | Preston - - | 20·2 | 17·5 | 12·5 | 15·2 |
| Derby - - | 20·4 | 17·9 | 18·9 | 14·4 | Salford - - - | 17·4 | 17·9 | 16·9 | 21·3 |
| Gateshead - | 26·6 | 20·1 | 17·1 | 16·6 | Sheffield - - | 21·1 | 17·8 | 18·9 | 17·8 |
| Halifax - | 23·7 | 14·0 | 22·1 | 13·5 | Sunderland - - | 26·8 | 20·3 | 16·7 | 24·3 |
| Huddersfield- | 17·3 | 20·9 | 15·8 | 15·8 | Swansea - - | 14·8 | 13·3 | 18·4 | 16·4 |
| Hull - - | 18·6 | 14·1 | 17·0 | 13·2 | West Ham - - | 15·5 | 12·4 | 10·0 | 9·8 |
| Leeds - - | 18·6 | 18·3 | 18·6 | 20·8 | Wolverhampton - | 13·0 | 17·8 | 17·2 | 23·7 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·0 in Derby; from *whooping-cough*, 1·1 in Plymouth, and 1·2 in Salford and in Sheffield; and from *diarrhœa*, 1·1 in Plymouth. In no case did the death-rate from *scarlet fever* or from "*fever*" reach 1·0 per 1000 in any of the thirty-three towns. The 50 deaths from *diphtheria* included 31 in London, 3 in Birmingham, and 3 in Leeds. No death from *small-pox* was registered in any of the thirty-three towns.

In the registration district of Middlesbrough 2 deaths from small-pox were registered last week, making a total of 207 deaths from this disease since the beginning of the year.

## LONDON.

In LONDON† 2285 BIRTHS and 1360 DEATHS were registered. Allowing for increase of population, the births were 298, and the deaths 237, below the average numbers in the corresponding weeks of the last ten

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

years. The annual death-rate per 1000 from all causes, which had been 17·2, 16·9, and 15·7 in the preceding three weeks, was again 15·7 last week. During the four weeks ending on Saturday last the death-rate averaged 16·4 per 1000, being 2·3 per 1000 below the mean rate in the corresponding periods of the ten years 1888–97.

The 1360 deaths included 82 from measles, 16 from scarlet fever, 31 from diphtheria, 47 from whooping-cough, 1 from enteric fever, 16 from diarrhœa and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 193 deaths were referred to these diseases, being 15 below the corrected average weekly number.

The deaths from *measles*, which had been 107, 99, and 76 in the preceding three weeks, rose again last week to 82, and were 8 above the corrected average; 13 cases belonged to St. Marylebone, 7 to Chelsea, 5 to Islington, and 5 to Plumstead sanitary areas. The deaths from *scarlet fever*, which had been 13, 10, and 11 in the preceding three weeks, further rose last week to 16, the corrected average being 15; 4 cases belonged to Hackney, 3 to Kensington, and 2 to Poplar sanitary areas. The deaths from *diphtheria*, which had been 39, 27, and 20 in the preceding three weeks, rose again last week to 31, but were 7 below the corrected average; 4 cases belonged to Lewisham, 3 to Islington, 3 to St. Luke, 3 to Poplar, and 3 to Battersea sanitary areas. The deaths from *whooping-cough*, which had been 70, 52, and 48 in the preceding three weeks, were 47 last week, the corrected average being 55; 6 cases belonged to Lambeth and 5 to St. Pancras sanitary areas. The fatal cases of *enteric fever*, which had been 7, 5, and 7 in the preceding three weeks, fell again last week to 1, the corrected average being 9. The deaths from *diarrhœa*, which had been 10, 13, and 8 in the preceding three weeks, rose again last week to 16, the corrected average being 15. The deaths referred to diseases of the respiratory organs, which had been 274, 226, and 232 in the preceding three weeks, fell again last week to 177, and were 134 below the corrected average. The deaths attributed directly to *influenza* numbered 10, having been 19, 17, and 15 in the preceding three weeks.

Different forms of violence caused 65 deaths, concerning all but 2 of which inquests were held. Of these 65 deaths, 8 were cases of suicide and 1 of homicide, while the remaining 56 were attributed to accident or negligence. Nine of these were referred to vehicles in the streets, 1 to the effects of chloroform administered for surgical purposes, and 16 (including 15 of infants under one year of age) to suffocation in bed.

## Cases of Infectious Sickness in Hospitals.*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2241 cases of scarlet fever, 953 of diphtheria, 2 of typhus, and 55 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 223 cases, against 205, 209, and 229; of diphtheria, 130 cases, against 110, 133, and 131; and of enteric fever, 8 cases, against 10, 3, and 11.

## Greater London.

In Greater London 3206 births and 1734 deaths were registered, corresponding to annual rates of 26·1 and 14·1 per 1000 of the estimated population. In the Outer Ring 13 deaths from measles, 1 from scarlet fever, 8 from diphtheria, 10 from whooping-cough, 2 from "fever," and 4 from diarrhœa were registered. Four deaths from measles occurred in Kingston district, and 3 in West Ham district; 4 deaths from diphtheria occurred in Hendon district; 6 deaths from whooping-cough occurred in West Ham district.

## Meteorology.

The mean reading of the Barometer last week at Greenwich was 29·78 inches, and that of the Thermometer 49°·0, the latter being 4°·6 below the week's average in the 50 years 1841–90. The direction of the wind was variable, the horizontal movement of the air being 4 per cent. above the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 32·2 hours; the measured rainfall amounted to 0·78 of an inch.

* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Registered during the Week ending 21st May 1898. Births. | Registered during the Week ending 21st May 1898. Deaths. | The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Annual Rate per 1000, corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6-12. | Temperature of the Air. Highest. Fahrenheit. | Lowest. Fahrenheit. | Mean. Fahrenheit. | Mean. Centigrade. | Rainfall. In Inches. | In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18 | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| **33 Towns** - | **11,218,378** | **6193** | **3533** | **862** | **805** | **-** | **126** | **38** | **50** | **109** | **15** | **42** | **147** | **260** | **829** | **40** | **16·4** | **1·8** | **63·2** | **33·4** | **46·7** | **8·17** | **0·75** | **1·90** | **33 Towns.** |
| London - - | 4,504,766 | 2285 | 1360 | 322 | 290 | - | 82 | 16 | 31 | 47 | 1 | 16 | 65 | 107 | 449 | 7 | 15·7 | 2·2 | 61·9 | 38·1 | 49·0 | 9·44 | 0·78 | 1·98 | London. |
| West Ham - - | 286,654 | 173 | 54 | 17 | 5 | - | 2 | - | 1 | 2 | 1 | - | 2 | 2 | 6 | 3 | 9·8 | 1·1 | - | - | - | - | - | - | West Ham. |
| Croydon - - | 124,421 | 54 | 22 | 4 | 10 | - | - | - | - | 1 | - | 1 | 1 | 2 | 1 | - | 9·2 | 0·8 | 62·0 | 35·5 | 47·8 | 8·78 | 0·97 | 2·46 | Croydon. |
| Brighton - - | 122,310 | 58 | 25 | 7 | 6 | - | - | - | - | - | - | - | 1 | 1 | 3 | - | 10·7 | - | 58·4 | 36·8 | 48·3 | 9·06 | 0·60 | 1·52 | Brighton. |
| Portsmouth - | 186,618 | 65 | 32 | 9 | 11 | - | - | - | - | - | - | - | 4 | 6 | 4 | - | 8·9 | - | 58·0 | 40·0 | 48·1 | 8·94 | 0·77 | 1·96 | Portsmouth. |
| Plymouth - - | 99,136 | 52 | 30 | 10 | 10 | - | - | - | - | 2 | - | 2 | - | - | 1 | 1 | 15·8 | 2·1 | - | - | - | - | - | - | Plymouth. |
| Bristol - - | 316,900 | 178 | 96 | 29 | 20 | - | 4 | - | - | 1 | - | 1 | 6 | 14 | 17 | 1 | 15·8 | 1·0 | 61·0 | 34·0 | 46·0 | 7·78 | 1·06 | 2·69 | Bristol. |
| Cardiff - - | 177,770 | 116 | 30 | 7 | 3 | - | 3 | - | 2 | 1 | - | - | - | - | 3 | - | 8·8 | 1·8 | - | - | - | - | - | - | Cardiff. |
| Swansea - - | 102,001 | 53 | 32 | 8 | 11 | - | - | - | 2 | - | - | - | - | - | 2 | 1 | 16·4 | 1·0 | - | - | - | - | - | - | Swansea. |
| Wolverhampton | 88,051 | 50 | 40 | 10 | 8 | - | - | 1 | 1 | - | 1 | 1 | 2 | 3 | 6 | - | 23·7 | 2·4 | 60·6 | 34·2 | 45·2 | 7·33 | 0·48 | 1·22 | Wolverhampton |
| Birmingham - | 510,343 | 353 | 163 | 47 | 37 | - | 2 | 1 | 3 | 6 | 1 | 1 | 8 | 12 | 25 | 6 | 16·7 | 1·4 | - | - | - | - | - | - | Birmingham. |
| Norwich - - | 111,649 | 59 | 38 | 7 | 14 | - | 1 | 1 | 1 | - | - | 1 | - | 1 | 8 | - | 17·7 | 1·9 | 63·2 | 33·4 | 46·4 | 8·00 | 0·44 | 1·12 | Norwich. |
| Leicester - - | 208,662 | 118 | 61 | 18 | 18 | - | 3 | 1 | - | 1 | - | 2 | 1 | 3 | 13 | 4 | 15·2 | 1·7 | - | - | - | - | - | - | Leicester. |
| Nottingham - | 236,137 | 115 | 58 | 13 | 18 | - | - | - | 2 | 1 | 1 | - | 2 | 4 | 9 | 2 | 12·8 | 0·9 | 63·0 | 38·0 | 46·6 | 8·11 | 0·44 | 1·12 | Nottingham. |
| Derby - - - | 104,834 | 63 | 29 | 5 | 15 | - | 2 | - | - | - | - | - | 1 | 2 | 7 | - | 14·4 | 1·0 | - | - | - | - | - | - | Derby. |
| Birkenhead - | 113,189 | 69 | 32 | 6 | 9 | - | 1 | - | 1 | - | - | - | 2 | 5 | 7 | - | 14·7 | 0·9 | - | - | - | - | - | - | Birkenhead. |
| Liverpool - - | 633,645 | 408 | 275 | 39 | 67 | - | 4 | 6 | 2 | 10 | 3 | 5 | 15 | 20 | 90 | 5 | 22·6 | 2·5 | 56·6 | 37·7 | 47·1 | 8·39 | 1·33 | 3·38 | Liverpool. |
| Bolton - - | 122,495 | 81 | 50 | 14 | 11 | - | - | 2 | - | 2 | 1 | 2 | 1 | 2 | 3 | - | 21·3 | 3·0 | - | - | - | - | - | - | Bolton. |
| Manchester - | 539,079 | 346 | 202 | 57 | 45 | - | 9 | 2 | - | 7 | 1 | 2 | 9 | 20 | 48 | 1 | 19·5 | 2·0 | - | - | - | - | - | - | Manchester. |
| Salford - - | 215,702 | 142 | 88 | 24 | 12 | - | 2 | - | - | 5 | 2 | 2 | 1 | 4 | 16 | 1 | 21·3 | 2·7 | - | - | - | - | - | - | Salford. |
| Oldham - - | 148,288 | 74 | 43 | 7 | 8 | - | - | - | - | 1 | 1 | 1 | 1 | 4 | 4 | - | 15·1 | 1·1 | - | - | - | - | - | - | Oldham. |
| Burnley - - | 109,546 | 57 | 26 | 11 | 5 | - | - | - | - | 1 | - | - | 1 | 1 | 2 | - | 12·4 | 0·5 | - | - | - | - | - | - | Burnley. |
| Blackburn - - | 133,228 | 75 | 42 | 8 | 12 | - | - | - | - | - | - | - | 2 | 4 | 4 | 2 | 16·4 | - | - | - | - | - | - | - | Blackburn. |
| Preston - - | 116,356 | 54 | 34 | 11 | 2 | - | - | - | - | - | - | 2 | 2 | 2 | 5 | 1 | 15·2 | 0·9 | - | - | - | - | - | - | Preston. |
| Huddersfield - | 102,454 | 31 | 31 | 5 | 9 | - | - | 1 | - | - | - | - | 2 | 2 | 7 | - | 15·8 | 0·5 | 57·8 | 35·5 | 43·8 | 6·56 | 0·80 | 2·03 | Huddersfield. |
| Halifax - - | 96,729 | 37 | 25 | 6 | 6 | - | - | 1 | - | - | - | - | 1 | 2 | 6 | - | 13·5 | 0·5 | - | - | - | - | - | - | Halifax. |
| Bradford - - | 233,737 | 100 | 68 | 15 | 16 | - | 2 | - | - | 2 | - | - | 4 | 7 | 14 | - | 15·2 | 0·9 | 59·8 | 37·2 | 46·9 | 8·28 | 0·79 | 2·01 | Bradford. |
| Leeds - - - | 416,618 | 240 | 166 | 38 | 35 | - | 4 | 4 | 3 | 5 | - | 1 | 4 | 10 | 15 | - | 20·8 | 2·1 | - | - | - | - | - | - | Leeds. |
| Sheffield - - | 356,478 | 218 | 122 | 37 | 29 | - | 1 | 1 | - | 8 | - | - | - | 4 | 15 | 3 | 17·8 | 1·5 | - | - | - | - | - | - | Sheffield. |
| Hull - - - | 229,887 | 150 | 58 | 14 | 15 | - | 2 | - | 1 | 1 | - | 1 | 2 | 4 | 8 | - | 13·2 | 1·1 | 59·0 | 34·0 | 44·7 | 7·06 | 0·53 | 1·35 | Hull. |
| Sunderland - | 143,849 | 116 | 67 | 21 | 18 | - | 2 | 1 | - | 1 | 1 | - | 2 | 4 | 15 | 1 | 24·3 | 1·8 | - | - | - | - | - | - | Sunderland. |
| Gateshead - - | 103,775 | 73 | 33 | 11 | 4 | - | - | - | - | 1 | 1 | - | - | - | - | - | 16·6 | 1·0 | - | - | - | - | - | - | Gateshead. |
| Newcastle - | 223,021 | 130 | 101 | 25 | 26 | - | - | - | - | 3 | - | 1 | 5 | 8 | 16 | 1 | 23·6 | 0·9 | - | - | - | - | - | - | Newcastle. |

* See note * on first page of this return.

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the TWENTIETH Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2364 | 2648 | 2468 | 2374 | 2600 | 2445 | 2241 | 2496 | 2462 | 2444 | 2582·5 | 2285 |
| Males | 1256 | 1358 | 1283 | 1214 | 1328 | 1267 | 1121 | 1246 | 1287 | 1260 | 1328·0 | 1155 |
| Females | 1108 | 1290 | 1185 | 1160 | 1272 | 1178 | 1120 | 1250 | 1175 | 1184 | 1254·5 | 1130 |
| TOTAL **Deaths** | 1469 | 1231 | 1436 | 2235 | 1587 | 1503 | 1463 | 1389 | 1516 | 1321 | 1597·4 | 1360 |
| Males | 754 | 631 | 762 | 1166 | 883 | 796 | 759 | 747 | 812 | 693 | 842·2 | 705 |
| Females | 715 | 600 | 704 | 1069 | 704 | 707 | 704 | 642 | 704 | 628 | 755·2 | 655 |

* The numbers in this column are the average weekly numbers in the twentieth week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | Feb. 26. | Mar. 5. | Mar. 12. | Mar. 19. | Mar. 26. | Apr. 2. | Apr. 9. | Apr. 16. | Apr. 23. | Apr. 30. | May 7. | May 14. | May 21. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2644 | 2585 | 2736 | 2576 | 2218 | 2860 | 2415 | 2623 | 2769 | 2522 | 2449 | 2425 | 2285 |
| TOTAL **Deaths** | 1889 | 1805 | 1854 | 1869 | 1731 | 1883 | 1691 | 1648 | 1546 | 1485 | 1464 | 1356 | 1360 |
| Ages at Death: Under 1 year | 398 | 384 | 381 | 367 | 331 | 386 | 368 | 377 | 336 | 346 | 297 | 288 | 322 |
| 1—5 years | 324 | 302 | 340 | 311 | 358 | 338 | 295 | 285 | 283 | 265 | 272 | 206 | 215 |
| 5—20 ,, | 100 | 98 | 97 | 83 | 98 | 84 | 86 | 76 | 88 | 80 | 60 | 71 | 86 |
| 20—40 ,, | 226 | 218 | 202 | 206 | 202 | 198 | 195 | 186 | 194 | 181 | 198 | 200 | 176 |
| 40—60 ,, | 363 | 334 | 340 | 360 | 314 | 344 | 309 | 290 | 300 | 283 | 276 | 268 | 271 |
| 60—80 ,, | 391 | 379 | 383 | 425 | 344 | 424 | 364 | 362 | 272 | 274 | 309 | 259 | 247 |
| 80 years and upwards | 87 | 90 | 111 | 117 | 84 | 109 | 74 | 72 | 73 | 56 | 52 | 64 | 43 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Measles | 106 | 115 | 141 | 134 | 143 | 115 | 108 | 117 | 131 | 107 | 99 | 76 | 82 |
| Scarlet Fever | 11 | 8 | 8 | 10 | 15 | 22 | 19 | 12 | 10 | 13 | 10 | 11 | 16 |
| Diphtheria | 46 | 38 | 33 | 36 | 53 | 45 | 29 | 34 | 31 | 39 | 27 | 20 | 31 |
| Whooping-cough | 52 | 49 | 59 | 56 | 59 | 63 | 64 | 59 | 53 | 70 | 52 | 48 | 47 |
| Typhus | – | – | – | – | 1 | 1 | – | – | – | – | – | – | – |
| Enteric Fever | 9 | 11 | 7 | 10 | 1 | 7 | 9 | 7 | 5 | 7 | 5 | 7 | 1 |
| Simple Continued Fever | – | – | – | – | – | – | – | – | 1 | – | – | – | – |
| Diarrhœa and Dysentery | 8 | 11 | 9 | 11 | 9 | 9 | 15 | 12 | 10 | 10 | 13 | 8 | 16 |
| Cholera | – | – | – | – | – | – | – | – | – | – | – | – | – |
| All the above Diseases | 232 | 232 | 257 | 257 | 1 | 262 | 244 | 241 | 241 | 246 | 206 | 170 | 193 |
| Dis. of Respiratory System | 416 | 425 | 429 | 430 | 402 | 451 | 372 | 305 | 283 | 274 | 226 | 232 | 177 |
| Phthisis | 179 | 172 | 192 | 184 | 143 | 160 | 146 | 138 | 154 | 153 | 158 | 168 | 158 |
| Dis. of Circulatory System | 161 | 153 | 141 | 136 | 137 | 147 | 140 | 141 | 129 | 131 | 116 | 114 | 141 |
| Violence | 74 | 53 | 68 | 59 | 84 | 53 | 78 | 76 | 54 | 61 | 61 | 58 | 65 |
| Inquest Cases | 174 | 142 | 175 | 157 | 160 | 141 | 137 | 158 | 123 | 142 | 130 | 122 | 107 |
| Deaths in Public Institutions | 515 | 477 | 471 | 543 | 542 | 544 | 529 | 461 | 472 | 447 | 440 | 428 | 449 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean | 37°·6 | 38°·9 | 37°·7 | 45°·7 | 37°·5 | 40°·7 | 49°·3 | 49°·3 | 46°·4 | 48°·3 | 51°·9 | 50°·7 | 49°·0 |
| Mean of Highest readings | 44·8 | 46·2 | 43·9 | 52·6 | 44·8 | 48·3 | 59·3 | 57·4 | 56·8 | 57·5 | 59·9 | 59·0 | 56·7 |
| Mean of Lowest readings | 31·4 | 33·5 | 32·3 | 38·6 | 31·5 | 34·4 | 40·6 | 42·2 | 37·6 | 40·4 | 44·8 | 44·7 | 42·8 |
| Humidity of the Air | 76 | 81 | 76 | 78 | 84 | 79 | 67 | 72 | 73 | 81 | 75 | 76 | 82 |
| Rain-fall (in inches) | 0·21 | 0·59 | 0·01 | 0·25 | 0·56 | 0·15 | 0·13 | 0·31 | 0·00 | 0·49 | 0·58 | 0·54 | 0·78 |
| Registered Sunshine (in hours) | 25·8 | 15·1 | 18·0 | 13·3 | 16·5 | 28·9 | 47·8 | 25·8 | 46·4 | 23·9 | 36·6 | 30·8 | 32·2 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox | – | 1 | 1 | 1 | 1 | – | – | – | – | – | – | – | – |
| Scarlet Fever | 2674 | 2534 | 2445 | 2419 | 2371 | 2377 | 2421 | 2384 | 2334 | 2302 | 2271 | 2247 | 2241 |
| Diphtheria | 1061 | 1047 | 1027 | 1024 | 1022 | 1009 | 1004 | 962 | 953 | 930 | 942 | 948 | 953 |
| Enteric Fever | 84 | 82 | 84 | 79 | 72 | 64 | 62 | 61 | 67 | 59 | 54 | 57 | 55 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton: A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and J. Boobbyer Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S. Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.

ABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTIETH Week of the Year 1898.

| USES OF DEATH. | Corrected Averages for the 20th Week of the 10 years 1888–97*. | In the Week ending Saturday, 21st May 1898. Deaths of Persons of the Ages: All Ages. | Under 20. 0–1. | 1–5. | 5–20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| AUSES - - - - | 1597·4 | 1360 | 322 | 215 | 86 | 176 | 271 | 247 | 43 |
| l- Vaccinated† - | 0·2 | - | - | - | - | - | - | - | - |
| l- Unvaccinated | 0·3 | - | - | - | - | - | - | - | - |
| l- No Statement | 0·7 | - | - | - | - | - | - | - | - |
| es - - - - - | 74·1 | 82 | 19 | 58 | 5 | - | - | - | - |
| t Fever - - - | 15·2 | 16 | 2 | 9 | 4 | 1 | - | - | - |
| us - - - - - | - | - | - | - | - | - | - | - | - |
| sing Fever - - | - | - | - | - | - | - | - | - | - |
| nza - - - - | 43·9 | 10 | 2 | 1 | 1 | - | 2 | 4 | - |
| ping-cough - - | 54·6 | 47 | 21 | 23 | 3 | - | - | - | - |
| heria - - | 38·0 | 31 | 3 | 20 | 7 | - | 1 | - | - |
| e Continued and efined Fever - | 0·5 | - | - | - | - | - | - | - | - |
| ic Fever - - - | 8·7 | 1 | - | - | 1 | - | - | - | - |
| ea and Chol. Diarr. | 0·2 | - | - | - | - | - | - | - | - |
| hœa, Dysentery - | 15·2 | 16 | 10 | 3 | - | - | 1 | 2 | - |
| tent Fever - - | 0·2 | - | - | - | - | - | - | - | - |
| phobia - - - | 0·1 | - | - | - | - | - | - | - | - |
| ers - - - - - | - | - | - | - | - | - | - | - | - |
| ox and Effects of vination - - | 0·3 | - | - | - | - | - | - | - | - |
| eal Affections - - | 8·4 | 7 | 5 | 1 | - | - | 1 | - | - |
| pelas - - - | 4·7 | 2 | 1 | - | - | - | 1 | - | - |
| ia and Septicæmia | 2·7 | 4 | - | - | 1 | 1 | 1 | 1 | - |
| eral Fever - - | 4·7 | 3 | - | - | 1 | 2 | - | - | - |
| Zymotic Diseases | 1·8 | 2 | - | 1 | - | - | 1 | - | - |
| h- - - - - - | 0·4 | - | - | - | - | - | - | - | - |
| s and other Parasitic Diseases - | 0·2 | - | - | - | - | - | - | - | - |
| tion, Want of st-milk - - | 0·5 | - | - | - | - | - | - | - | - |
| olism - - - | 9·5 | 13 | - | - | - | 2 | 11 | - | - |
| natic Fever, umatism of Heart | 6·9 | 6 | - | - | 2 | 1 | 2 | 1 | - |
| natism - - - | 2·4 | 3 | - | - | - | - | 1 | 2 | - |
| - - - - - - | 2·7 | 2 | - | - | - | - | 1 | 1 | - |
| s - - - - - | 5·9 | 8 | 3 | 5 | - | - | - | - | - |
| r - - - - - | 69·6 | 75 | 1 | 2 | - | 3 | 36 | 28 | 5 |
| Mesenterica - - | 20·7 | 7 | 2 | 1 | 3 | 1 | - | - | - |
| cular Meningitis - | 27·7 | 26 | 6 | 11 | 8 | 1 | - | - | - |
| is - - - - - | 154·3 | 158 | 1 | 4 | 11 | 78 | 49 | 15 | - |
| la, Tuberculosis - | 18·5 | 18 | 7 | 6 | 2 | 1 | 1 | 1 | - |
| Constitutional ases - - | 13·8 | 10 | 1 | - | 2 | 2 | 1 | 4 | - |
| ture Birth - - | 48·1 | 53 | 53 | - | - | - | - | - | - |
| tasis - - - | 2·0 | 4 | 4 | - | - | - | - | - | - |
| nital Malforma- s - - - | 7·7 | 10 | 10 | - | - | - | - | - | - |
| ge - - - - - | 46·9 | 30 | - | - | - | - | - | 17 | 13 |
| exy - - - - | 42·9 | 30 | - | - | - | 1 | 12 | 14 | 3 |
| psy - - - - | 6·6 | 4 | - | - | - | 2 | 2 | - | - |
| lsions - - - | 42·8 | 25 | 24 | 1 | - | - | - | - | - |
| Diseases of Brain Nervous System | 83·0 | 65 | 13 | 8 | 7 | 6 | 14 | 13 | 4 |
| es of Organs of ial Sense - | 3·5 | 4 | 1 | - | 1 | - | - | 2 | - |

| CAUSES OF DEATH | Corrected Averages for the 20th Week of the 10 years 1888–97*. | In the Week ending Saturday, 21st May 1898. Deaths of Persons of the Ages: All Ages. | Under 20. 0–1. | 1–5. | 5–20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 129·5 | 141 | 3 | - | 13 | 20 | 44 | 53 | 8 |
| Croup - - - - | 6·0 | - | - | - | - | - | - | - | - |
| Bronchitis - - - | 148·8 | 94 | 22 | 17 | 1 | 2 | 16 | 31 | 5 |
| Pneumonia - - - | 124·7 | 63 | 18 | 24 | 1 | 4 | 7 | 9 | - |
| Pleurisy - - - - | 6·2 | 1 | - | - | - | - | 1 | - | - |
| Other Diseases of Respiratory System - | 25·0 | 19 | 2 | 2 | 2 | 4 | 3 | 5 | 1 |
| Dentition - - - - | 10·1 | 9 | 6 | 3 | - | - | - | - | - |
| Quinsy, Sore Throat - | 2·9 | - | - | - | - | - | - | - | - |
| Enteritis - - - - | 9·7 | 16 | 9 | 2 | 3 | - | 2 | - | - |
| Peritonitis - - - | 8·1 | 1 | - | - | - | - | - | 1 | - |
| Diseases of Liver - - | 23·6 | 25 | 3 | - | - | 5 | 12 | 5 | - |
| Other Diseases of Digestive System | 30·7 | 28 | 9 | - | - | 5 | 5 | 9 | - |
| Diseases of Lymphatic System & of Ductless Glands - - - | 2·7 | 1 | - | - | - | - | - | 1 | - |
| Diseases of Urinary System - - - | 43·5 | 57 | 2 | - | 1 | 14 | 23 | 16 | 1 |
| Diseases of Generative System - - - | 5·8 | 7 | - | - | - | 2 | 3 | 1 | 1 |
| Accidents of Childbirth - | 5·1 | 6 | - | - | - | 6 | - | - | - |
| Diseases of Locomotive System - - - | 6·1 | 6 | - | - | 2 | 1 | 1 | 1 | 1 |
| Diseases of Integumentary System - - | 4·9 | 6 | 1 | - | - | 1 | - | 3 | 1 |
| VIOLENT DEATHS.‡ | | | | | | | | | |
| (ACCIDENT.) | | | | | | | | | |
| By Railways - - - | 56·3 | 2 | - | - | - | 2 | - | - | - |
| By Vehicles or Horses - | | 9 | - | 1 | 1 | - | 5 | 2 | - |
| In Ships, Boats, Docks, (exclusive of Drowning) - - - | | - | - | - | - | - | - | - | - |
| In Building Operations - | | 1 | - | - | - | - | - | 1 | - |
| In Conflagrations - - | | - | - | - | - | - | - | - | - |
| By Burns, Scalds, Explosions - - | | 5 | - | 3 | - | - | 1 | 1 | - |
| By Drowning - - - | | 3 | - | - | 1 | 1 | 1 | - | - |
| By Suffocation in Bed - | | 16 | 15 | 1 | - | - | - | - | - |
| By Poisons or Poisonous Vapours - - | | 3 | - | - | - | 1 | 2 | - | - |
| Other or not stated causes - - - - | | 17 | 1 | 6 | 1 | 3 | 4 | 2 | - |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - | 1·8 | 1 | 1 | - | - | - | - | - | - |
| Suicide - - - - | 10·0 | 8 | - | - | 1 | 3 | 3 | 1 | - |
| Execution - - - | - | - | - | - | - | - | - | - | - |
| OTHER CAUSES - - | 44·8 | 43 | 41 | 2 | - | - | - | - | - |

e numbers in this column are the average weekly deaths for the ten years 1888–97, raised by 5·230 per cent. for increase ulation.

ly those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered al men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

e evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of ent, murder manslaughter or suicide. All such cases are classed under "accident."

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 21st May, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Continued Simple Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Deaths of Unregistered Causes. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2285 | 1360 | 322 | 290 | - | 82 | 16 | 31 | 47 | - | 1 | - | 16 | 65 | 107 | 449 | |
| WEST DISTRICTS - - - | 778,251 | 331 | 211 | 45 | 58 | - | 17 | 3 | - | 3 | - | 1 | - | 2 | 6 | 14 | 68 | |
| NORTH DISTRICTS - - - | 1,040,694 | 507 | 325 | 60 | 76 | - | 24 | 8 | 10 | 10 | - | - | - | 2 | 16 | 26 | 106 | |
| CENTRAL DISTRICTS - - - | 233,635 | 128 | 92 | 19 | 19 | - | 6 | - | 3 | 1 | - | - | - | - | 9 | 9 | 43 | |
| EAST DISTRICTS - - - | 716,334 | 472 | 232 | 69 | 39 | - | 12 | - | 6 | 15 | - | - | - | 4 | 10 | 22 | 77 | |
| SOUTH DISTRICTS - - - | 1,642,796 | 847 | 473 | 128 | 93 | - | 23 | 2 | 12 | 18 | - | - | - | 8 | 23 | 35 | 128 | |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | -- | - | 27 | 1 | 5 | - | - | 3 | - | - | - | - | - | - | 1 | 1 | 27 | |
| **WEST DISTRICTS.** | | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 35 | 20 | 6 | 7 | - | 4 | - | - | - | - | - | - | - | - | - | 4 | |
| St. John Paddington *H* - - G. | 33,510 | 8 | 13 | 1 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | 6 | |
| Kensington Town *Ww* - - W. | 122,164 | 42 | 37 | 5 | 10 | - | 3 | 1 | - | 1 | - | 1 | - | - | - | 1 | 11 | |
| Brompton *HH*- - - W & C. | 48,301 | 14 | 8 | 1 | 3 | - | - | - | - | - | - | - | - | - | - | 1 | 3 | |
| St. Peter Hammersmith - - W. | 9,097 | 3 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | 3 | 3 | |
| St. Paul Hammersmith *HH* W. & G. | 35,102 | 35 | 20 | 4 | 6 | - | 2 | - | - | - | - | - | - | 1 | 1 | 2 | 11 | |
| Fulham *Ww* - - - W. & C. | 113,781 | 93 | 36 | 14 | 9 | - | - | 2 | - | 2 | - | - | - | 1 | 1 | 2 | 11 | |
| Chelsea Kensal Town - C. | 21,450 | 11 | 12 | 2 | 1 | - | 4 | - | - | - | - | - | - | 1 | 1 | - | - | |
| Chelsea North *WHHHHH* - C. | 42,057 | 19 | 12 | 3 | 3 | - | 2 | - | - | - | - | - | - | - | - | 1 | 7 | |
| Chelsea South *HH* - - C. | 33,139 | 11 | 7 | 2 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | 2 | |
| May Fair *W* - - - - G. | 23,827 | 6 | 6 | 1 | 4 | - | - | - | - | - | - | - | - | - | 1 | 1 | 4 | |
| Belgrave *WHHH* - - - C. | 56,140 | 26 | 18 | 1 | 4 | - | - | - | - | - | - | - | - | - | 1 | 2 | 9 | |
| St. John Westminster *HH* - C. | 31,492 | 9 | 10 | 4 | 2 | - | - | - | - | - | - | - | - | - | 1 | 2 | 1 | |
| St. Margaret Westminster *H*- C. | 22,097 | 1 | 7 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | 1 | 5 | |
| St. James Westminster *WHH* N. & G. | 23,050 | 12 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 6 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | |
| **NORTH DISTRICTS.** | | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - - W. | 36,595 | 9 | 18 | - | 7 | - | 1 | - | - | - | - | - | - | - | 1 | 1 | 8 | |
| Rectory Marylebone *W* G. & W. | 19,798 | 5 | 4 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 33 | 9 | 2 | 1 | - | 3 | - | - | 1 | - | - | - | - | 1 | 1 | - | |
| Christchurch Marylebone *H* - W | 32,547 | 15 | 14 | 7 | 1 | - | 5 | - | - | - | - | - | - | 1 | 1 | 3 | - | |
| St. John Marylebone *HHH* W. | 32,611 | 17 | 6 | 1 | - | - | 4 | - | - | - | - | - | - | - | - | - | 1 | |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 20 | 21 | 4 | 3 | - | - | 1 | 8 | - | - | - | - | 1 | 1 | 2 | 9 | |
| Regent's Park Pancras *HH* - W. | 37,341 | 20 | 8 | 2 | 2 | - | - | - | - | - | - | - | - | - | 1 | 1 | 2 | |
| Tottenham-court *wHHH* - N. & W. | 26,757 | 9 | 14 | 1 | 5 | - | - | - | - | 1 | - | - | - | - | - | - | 10 | |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 7 | 17 | 2 | 1 | - | 3 | - | - | 1 | - | - | - | - | 4 | 5 | 9 | |
| Somers Town *HH* - - - N. | 32,161 | 17 | 9 | 3 | 1 | - | - | - | - | - | - | - | - | - | 1 | 2 | 4 | |
| Camden Town *WH* - - N. | 16,669 | 20 | 12 | 2 | 4 | - | - | - | - | 1 | - | - | - | - | - | 1 | 7 | |
| Kentish Town *WW* - - N. | 98,410 | 47 | 22 | 3 | 4 | - | - | - | - | 2 | - | - | - | - | 1 | 2 | 2 | |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 45 | 51 | 7 | 16 | - | 3 | - | - | - | - | - | - | - | 2 | 2 | 28 | |
| Islington South-west H - N. | 107,365 | 50 | 25 | 3 | 6 | - | 2 | 1 | - | 1 | - | - | - | - | 1 | 1 | 1 | |
| Islington South-east - - N. | 66,549 | 30 | 7 | 1 | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - | |
| Highbury *HH* - - - N. | 64,577 | 25 | 9 | - | 3 | - | - | - | - | - | - | - | - | - | - | - | 1 | |
| Stoke Newington *H* - N. | 33,485 | 16 | 10 | 3 | 3 | - | - | 1 | - | - | - | - | - | - | - | - | - | |
| North Hackney - - E. & N. | 213,044 | 24 | 14 | 4 | 5 | - | - | - | - | 1 | - | - | - | - | - | - | - | |
| Central Hackney *ww* - E. & N. | | 27 | 16 | 4 | 2 | - | - | 5 | 2 | 1 | - | - | - | - | 1 | 1 | - | |
| South-west Hackney *HHH* E. & N. | | 37 | 19 | 3 | 5 | - | 1 | - | - | - | - | - | - | - | - | 1 | 6 | |
| South-east Hackney *WwH* E.&N. | | 34 | 20 | 7 | 5 | - | 2 | - | - | - | - | - | - | - | 1 | 3 | 10 | |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated there, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers are received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River; E. East London; and K. the Kent Company.

* See note * on first page of this Return.

BLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday, 21st May, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population. 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CENTRAL DISTRICTS. | | | | | | | | | | | | | | | | | | |
| .. George Bloomsbury - - N. | 16,110 | 8 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| .. Giles South *WH* - - N. | 12,976 | 2 | 3 | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | 1 | – |
| .. Giles North *H* - - - N. | 9,151 | 5 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 2 | – |
| .. Martin-in-the-Fields *HH* N. & C. | 13,077 | 3 | 9 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 5 | – |
| rand *WHH* - - - - N. | 11,839 | 3 | 12 | – | 2 | – | – | – | 1 | – | – | – | – | – | 2 | 2 | 8 | – |
| *rand Union Workhouse, Edmonton* | †1,037 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| olborn *wHHHHHHH* - N. | 31,042 | 22 | 20 | 5 | 4 | – | 1 | – | 1 | – | – | – | – | – | 1 | 1 | 13 | – |
| .. James Clerkenwell - - N. | 15,777 | 9 | 3 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| mwell Clerkenwell - - N. | 34,356 | 29 | 12 | 4 | 5 | – | 1 | – | – | 1 | – | – | – | – | – | – | – | – |
| oswell-street - - - - N. | 16,069 | 13 | 3 | 2 | – | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| ity-road *HHHL* - - - N. | 29,897 | 23 | 13 | 5 | 1 | – | 2 | – | – | – | – | – | – | – | 3 | 3 | 3 | – |
| hitecross-street - - - N. | 7,595 | 2 | 1 | 1 | – | – | – | – | 1 | – | – | – | – | – | – | – | – | – |
| insbury - - - - - N. | 4,035 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| *olborn Union Workhouse, Mitcham* - - - - | †892 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| .. Botolph *H* - - N. & E. | 6,870 | 6 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| ripplegate - - - - N. | 3,299 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| .. Sepulchre *WH* - - - N. | 9,591 | 1 | 12 | – | 3 | – | – | – | – | – | – | – | – | – | 3 | 3 | 11 | – |
| llhallows Barking - - - N. | 9,059 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| road Street *H* - - - N. | 2,892 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| *ty of London Asylum, Stone* - - | †388 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| EAST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| oreditch South *Hl* - E. & N. | 17,975 | 5 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | 2 | – |
| oxton New Town *w* - - N. | 29,575 | 13 | 9 | 1 | 3 | – | – | – | – | 1 | – | – | – | – | – | – | 3 | – |
| oxton Old Town - - - N. | 27,645 | 14 | 6 | 2 | 1 | – | – | – | – | 1 | – | – | – | – | 1 | 3 | – | – |
| aggerston *WH* - - N. & E. | 47,163 | 30 | 22 | 8 | 5 | – | 2 | – | – | 2 | – | – | – | 1 | 1 | 1 | 7 | – |
| ethnal Green North *H* - E. | 49,301 | 32 | 9 | 3 | 2 | – | – | – | – | 1 | – | – | – | – | – | 2 | 2 | – |
| ethnal Green South - - E. | 34,194 | 25 | 11 | 4 | 1 | – | – | – | – | 2 | – | – | – | – | 3 | 3 | – | – |
| ethnal Green East *WHl* - E. | 45,667 | 33 | 19 | 5 | 1 | – | 3 | – | 1 | – | – | – | – | – | – | 1 | 9 | – |
| pitalfields - - - E. & N. | 26,681 | 18 | 2 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| ile End New Town *W* - E. | 12,816 | 15 | 4 | – | – | – | – | – | 1 | – | – | – | – | – | – | 1 | 4 | – |
| hitechapel Church *H* - E. & N. | 25,561 | 16 | 25 | 6 | 4 | – | – | – | 1 | – | – | – | – | 1 | 1 | 1 | 22 | – |
| oodman's Fields - - - E. | 13,618 | 9 | 3 | 1 | – | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| .. George's North - - - E. | 39,576 | 33 | 7 | 2 | 1 | – | – | – | – | 1 | – | – | – | – | – | – | – | – |
| .. John, St. George East *W* E. | 7,930 | 9 | 9 | 4 | 1 | – | – | – | – | – | – | – | – | 1 | – | 1 | 4 | – |
| hadwell *H* - - - E. & N. | 10,434 | 3 | 5 | 4 | – | – | – | – | – | 1 | – | – | – | – | 1 | 1 | 3 | – |
| atcliff *W* - - - - E. | 14,954 | 4 | 2 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| imehouse - - - - E. | 32,917 | 22 | 8 | 4 | – | – | 1 | – | – | – | – | – | – | – | – | 1 | – | – |
| ile End Old Town West *H* E. | 111,060 | 39 | 17 | 7 | 2 | – | 1 | – | – | 2 | – | – | – | – | – | 1 | – | – |
| ile End Old Town East *WWww* - E. | | 39 | 18 | 4 | 8 | – | 1 | – | – | 2 | – | – | – | 1 | – | – | 7 | – |
| ow *l* - - - - E. | 41,687 | 20 | 7 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| romley *wwwH* - - - E. | 69,821 | 58 | 31 | 4 | 5 | – | 3 | – | 2 | 2 | – | – | – | – | 1 | 1 | 13 | – |
| oplar *WW* - - - - E. | 57,759 | 35 | 15 | 5 | 1 | – | – | – | 1 | – | – | – | – | – | 2 | 4 | 1 | – |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX MEASLES SCARLET FEVER. DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA. VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 21st May. 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WH*L.&S. | 13,064 | 5 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | 2 | 2 | - | - |
| St. Saviour Southwark - - S. | 12,301 | 7 | 2 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Kent-road - - - - S. & L. | 22,879 | 19 | 7 | 1 | 2 | - | 1 | - | - | - | - | - | - | 1 | - | - | - | - |
| Borough-road *WH* - S. & L. | 16,083 | 6 | 6 | 3 | - | - | - | - | - | - | - | - | - | - | - | 1 | 3 | - |
| London-road *HL* - - L. & S. | 21,316 | 10 | 5 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - |
| Trinity Newington - - S. & L. | 28,723 | 17 | 5 | 1 | 1 | - | - | - | - | - | - | - | - | 1 | - | - | - | - |
| St. Peter Walworth *W* - S. & L. | 62,045 | 35 | 11 | 7 | 1 | - | - | - | - | - | - | - | - | - | 1 | 1 | 2 | - |
| St. Mary Newington- - L. & S. | 30,171 | 19 | 4 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Olave *WH* - - - - S. | 11,731 | 4 | 13 | 2 | - | - | - | - | - | 1 | - | - | - | - | - | - | 9 | - |
| Leather Market *W* - S. & L. | 32,339 | 19 | 13 | 5 | 3 | - | 1 | - | - | 1 | - | - | - | 1 | - | 1 | 2 | - |
| St. James Bermondsey - - S. | 53,136 | 31 | 7 | 2 | - | - | 1 | - | - | - | - | - | - | - | - | 1 | - | - |
| Rotherhithe *WwH* - S. & K. | 40,379 | 22 | 12 | 3 | 3 | - | - | - | - | - | - | - | - | - | - | - | 3 | - |
| Waterloo-road *HH* - L. & S. | 28,396 | 23 | 8 | 1 | - | - | - | - | - | 2 | - | - | - | - | 1 | 1 | - | - |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 19 | 17 | 3 | 2 | - | 1 | - | 1 | 2 | - | - | - | - | 3 | 3 | 11 | - |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 25 | 18 | 3 | 7 | - | - | - | - | 2 | - | - | - | - | - | 1 | 10 | - |
| Kennington 1st *H* - - S. & L. | 52,486 | 32 | 8 | 5 | 1 | - | - | - | - | - | - | - | - | - | 2 | 3 | - | - |
| Kennington 2nd - - S. & L. | 43,244 | 11 | 7 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Brixton *w* - - - L. & S. | 81,825 | 38 | 18 | 5 | 3 | - | 1 | - | 1 | - | - | - | - | - | - | - | 1 | - |
| Norwood *WH* - - - - L. | 29,318 | 8 | 7 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| East Battersea - - - - S. | 71,730 | 50 | 13 | 6 | 2 | - | 2 | - | - | - | - | - | - | - | 1 | 2 | - | - |
| West Battersea *WwH* - - S | 93,385 | 42 | 26 | 6 | 5 | - | 1 | - | - | 2 | - | - | - | 1 | 2 | 3 | 11 | - |
| Clapham *H* - - - - S. | 46,953 | 17 | 10 | 1 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | - |
| Wandsworth *WHHL* - - S. | 58,101 | 42 | 11 | 2 | 4 | - | - | - | - | 1 | - | - | - | - | - | - | 1 | - |
| Putney - - - - - S. | 20,566 | 8 | 4 | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| Streatham *Wwww* - - - L. | 61,644 | 24 | 12 | 3 | 1 | - | 1 | - | 2 | 1 | - | - | - | 1 | - | - | 2 | - |
| Dulwich - - - - L. & S. | 7,519 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Camberwell *Wwll* - S. & L. | 90,286 | 32 | 49 | 8 | 14 | - | 2 | - | - | - | - | - | - | - | 4 | 6 | 28 | 1 |
| Peckham *WW* - S., L., & K. | 88,242 | 41 | 20 | 8 | 3 | - | - | - | - | 2 | - | - | - | - | 1 | 2 | 1 | 1 |
| St. George Camberwell - L. & S. | 67,029 | 42 | 12 | 4 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Deptford North - - - K. | 36,152 | 26 | 15 | 7 | 6 | - | 2 | - | - | - | - | - | - | 1 | 2 | 2 | - | - |
| Deptford Central *w* - - K. | 45,441 | 20 | 14 | 6 | - | - | 1 | 1 | 1 | 2 | - | - | - | 1 | - | - | 2 | 1 |
| Deptford South - - - K. | 33,402 | 11 | 3 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Greenwich West *H* - - K. | 23,012 | 11 | 7 | 2 | - | - | 1 | - | - | - | - | - | - | - | 1 | 1 | 2 | - |
| Greenwich East *WH* - - K. | 37 767 | 19 | 21 | 3 | 7 | - | - | - | - | - | - | - | - | - | - | 1 | 13 | - |
| Eltham *wH* - - - - K. | 5,911 | 3 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Lee *H* - - - - - K. | 24,222 | 7 | 5 | 3 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Lewisham *WwH* - - - K. | 38,139 | 28 | 25 | 5 | 4 | - | 1 | 1 | 5 | - | - | - | - | 1 | 1 | 1 | 14 | - |
| Sydenham *H* - - - - L. | 37,601 | 10 | 7 | 3 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | 1 |
| Charlton *wHH* - - K. | 15,928 | 5 | 9 | 1 | - | - | 1 | - | 2 | 1 | - | - | - | - | - | - | 6 | - |
| Woolwich Dockyard - - K. | 19,355 | 9 | 7 | 4 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | 1 |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 7 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| Plumstead West *H* - - K. | 16,714 | 10 | 4 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Plumstead East *WH* - - K. | 42,538 | 30 | 22 | 6 | 4 | - | 4 | - | - | - | - | - | - | - | 2 | 1 | 5 | 2 |
| Banstead Asylum - - - - | — | - | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | 5 | - |
| Caterham Asylum - - - - | — | - | 7 | - | 3 | - | - | - | - | - | - | - | - | - | - | - | 7 | - |
| Cane Hill Asylum - - - - | — | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | 1 | - |
| Hospital Ships and Camp, Dartford | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Darenth Asylum - - - - | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Hanwell Asylum - - - - | — | - | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | 4 | - |
| Colney Hatch Asylum - - - | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| N.E. Hospital - - - - - | — | - | 3 | 1 | - | - | - | 3 | - | - | - | - | - | - | - | - | 3 | - |
| Winchmore Hill Hospital - - | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Leavesden Asylum - - - - | — | - | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | 3 | - |
| Claybury Asylum - - - - | — | - | 4 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | 4 | - |

ABLE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 21st May, 1898.

| Registration District and Sub-District Numbers. | REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years & upwds. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LONDON—OUTER RING - | 368,749 | 1,422,063 | 921 | 374 | 95 | 99 | – | 13 | 1 | 8 | 10 | 2 | 4 | 10 | 21 | 37 | 6 |
| 30 : 1 | Carshalton *wHH* - - | 12,228 | 26,108 | 10 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Epsom, *part of** *WwHH* - | 10,423 | 12,508 | 4 | 5 | – | 2 | – | – | – | 1 | – | – | – | – | – | 1 | 1 |
| 37 : 1 | Godstone, *part of** *W* - | 2,754 | 1,598 | 1 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | 1 | – |
| 38 : 1 | Croydon *WwHHH* - - | 20,851 | 128,699 | 63 | 29 | 4 | 13 | – | – | – | – | 1 | – | 1 | 1 | 2 | 2 | – |
| 2 | Mitcham *w* - - - | 11,697 | 23,088 | 6 | 5 | 1 | 3 | – | – | – | – | – | – | – | – | – | – | – |
| 39 : 1 | Wimbledon *HHH* - - | 3,220 | 25,761 | 16 | 4 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Kingston *W* - - - | 8,071 | 33,566 | 22 | 16 | 6 | 1 | – | 4 | – | – | – | – | – | – | 1 | 3 | – |
| 3 | Surbiton *H*- - - - | | 11,199 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 4 | Esher, *part of** *HH* - - | 6,601 | 12,059 | 8 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 5 | Hampton *HL* - - - | 4,565 | 18,252 | 7 | 3 | – | 2 | – | – | – | – | – | – | – | 1 | 1 | – | – |
| 40 : 1 | Richmond *WH*- - - | 2,160 | 25,389 | 5 | 6 | – | 3 | – | – | – | – | – | – | – | – | – | 1 | – |
| 2 | Mortlake *H* - - - | 2,823 | 16,159 | 9 | 2 | 2 | – | – | – | – | – | – | – | – | – | 1 | – | – |
| 41 : 1 | Bromley *HHH* - - - | 9,127 | 23,815 | 8 | 9 | 1 | 4 | – | – | – | – | – | – | – | – | – | 1 | – |
| 2 | Beckenham *H* - - - | 6,542 | 21,969 | 10 | 6 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 11 | 6 | – | 4 | – | – | – | – | – | – | – | 1 | 1 | 3 | – |
| 42 : 1 | Bexley *HHH* - - - | 12,540 | 30,590 | 19 | 7 | 3 | 2 | – | 1 | – | – | 1 | – | – | – | – | – | – |
| 2 | Dartford *WH*, *part of** - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 44 : 1 | Sunbury *w* - - - | 11,054 | 13,671 | 6 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Staines *WH* - - - | 13,277 | 13,221 | 9 | 2 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| 45 : 1 | Hillingdon *WHH* - - | 6,035 | 12,237 | 4 | 10 | – | 1 | – | 1 | – | 1 | – | 1 | – | – | – | 2 | – |
| 2 | Uxbridge - - - - | 12,757 | 7,253 | 4 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Hayes *wH*- - - - | 7,952 | 11,051 | 9 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 46 : 1 | Isleworth *WHH* - - | 6,967 | 26,004 | 18 | 13 | 2 | 7 | – | – | – | – | – | – | – | – | – | 7 | – |
| 2 | Twickenham *HH* - - | 2,415 | 16,027 | 8 | 5 | 1 | – | – | – | 1 | – | – | – | – | – | – | 1 | – |
| 3 | Brentford *HHHH* - - | 4,318 | 37,777 | 15 | 5 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | 1 |
| 4 | Chiswick - - - - | 1,245 | 21,963 | 15 | 4 | 1 | 1 | – | 1 | – | – | – | – | – | 1 | 1 | – | – |
| 5 | Acton *wH* - - - - | 6,132 | 30,945 | 24 | 7 | 2 | 4 | – | – | – | – | – | – | 1 | – | – | – | – |
| 47 : 1 | Harrow *HHH* - - - | 13,809 | 15,715 | 10 | 3 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Edgware *HH* - - - | 6,994 | 3,844 | 5 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Willesden *HHH* - - | 4,383 | 61,265 | 61 | 24 | 9 | 3 | – | 1 | – | 4 | – | – | 2 | – | – | 3 | – |
| 4 | Hendon *WH* - - - | 8,382 | 15,843 | 5 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 48 : 1 | South Mimms *HH* - - | 21,077 | 6,367 | 10 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Barnet *WHH* - - - | | 14,152 | 13 | 3 | 1 | – | – | 1 | – | – | – | – | – | 1 | 2 | – | – |
| 3 | Finchley *HHH*- - - | 4,688 | 25,820 | 6 | 3 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – |
| 49 : 1 | Hornsey *HH* - - - | 3,039 | 61,097 | 26 | 14 | – | 7 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Tottenham *HH*- - - | 4,642 | 97,174 | 67 | 27 | 12 | 4 | – | 1 | – | – | 1 | – | – | – | 2 | – | 1 |
| 3 | Edmonton *Www* - - | 7,489 | 36,351 | 26 | 14 | 3 | 4 | – | – | – | – | 1 | – | – | – | – | 3 | – |
| 4 | Enfield *WWHH* - - | 12,602 | 31,536 | 13 | 5 | 3 | 1 | – | – | – | – | – | – | – | – | 1 | – | – |
| 5 | Waltham Abbey - - - | 11,017 | 6,066 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 6 | Cheshunt *H* - - - | 8,480 | 9,620 | 5 | 2 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 50 : 1 | Hatfield, *part of** *W*- - | 3,306 | 582 | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | 1 | – |
| 77 : 1 | Bushey *H* - - - - | 9,331 | 7,737 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Watford *WH*, *part of** - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 83 : 1 | Stratford *H* - - - | 4,706 | 38,612 | 33 | 20 | 6 | 3 | – | – | – | – | 1 | – | – | – | – | 1 | 2 |
| 2 | Plaistow *WHH*- - - | | 58,030 | 52 | 8 | 4 | 1 | – | – | – | – | – | – | – | – | – | 1 | – |
| 3 | Canning Town *H* - - | | 54,750 | 54 | 15 | 5 | 1 | – | – | – | 1 | 1 | 1 | – | 1 | 1 | – | – |
| 4 | Forest Gate *w* - - - | | 53,511 | 34 | 7 | 2 | – | – | 2 | – | – | – | – | – | – | – | – | 1 |
| 5 | East Ham *wH*- - - | 3,266 | 32,713 | 48 | 13 | 5 | 4 | – | – | – | – | 2 | – | – | – | 2 | – | – |
| 6 | Leyton *WWWwH* - - | 4,334 | 70,188 | 47 | 23 | 5 | 3 | – | – | – | – | – | – | – | 2 | 4 | 5 | – |
| 7 | Walthamstow *HHL*- - | 6,501 | 57,330 | 52 | 30 | 7 | 9 | – | 1 | – | 1 | 2 | – | – | – | – | – | – |
| 89 : 1 | Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 11 | 2 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| 2 | Epping *WH*, *part of** - - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 90 : 1 | Romford, *part of** *WH* - | 6,556 | 4,324 | 5 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Ilford - - - - - | 8,493 | 10,913 | 9 | 3 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Barking Town, *H* - - | 3,814 | 14,301 | 11 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| | London Co. Lunatic Asy., Claybury. | — | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring e as follows:—30 : 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37 : 1, the parishes of Warlingham d Farley in Godstone sub-district; 39 : 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41 : 3, Chislehurst b-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135 : 1, the parish of Northaw in tfield sub-district; 187 : 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping pp. 1,079); 189 : 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for fectious Diseases belonging to the Outer Ring in 42 : 2, Dartford; 137 : 2, Watford: and 187 : 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 21st May, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | ANNUAL RATE of MORTALITY per 1000 living. From All Causes. | From Diseases in Cols. 8-14. | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Deaths in Public |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. | 16 |
| GREATER LONDON | **443,421** | **6,408,321** | **14·1** | **1·9** | **1734** | **417** | **389** | – | **95** | **17** | **39** | **57** | **3** | **20** | **75** | **48** |
| INNER LONDON - | 74,672 | 4,504,766 | 15·7 | 2·2 | 1360 | 322 | 290 | – | 82 | 16 | 31 | 47 | 1 | 16 | 65 | 44 |
| OUTER RING - | 368,749 | 1,903.555 | 10·3 | 1·0 | 374 | 95 | 99 | – | 13 | 1 | 8 | 10 | 2 | 4 | 10 | [illegible] |

NOTE. -The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent to the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

| CITIES | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | | BIRTHS. Exclusive of Stillborn | DEATHS. | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM PRINCIPAL ZYMOTIC DISEASES. Small-pox. | Measles. | Scarlet Fever. | Diphtheria | Whooping-cough. | Fever. | Diarrhœal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 295,628 | May | 21 | 149 | 101 | 17·8 | – | 3 | 4 | – | 1 | 1 | |
| GLASGOW - - | 724,349 | „ | 21 | 451 | 303 | 21·8 | – | 15 | 3 | 3 | 22 | 2 | 1 |
| DUBLIN - - | 349,594 | „ | 21 | 177 | 161 | 24·0 | – | – | – | 2 | 1 | 4 | |
| CALCUTTA - - | 466,460 | April | 9 | – | 269 | 30·0 | 2 | – | – | – | – | 98 | 4 |
| BOMBAY - - | 821,764 | „ | 26 | 124 | 1102 | 69·7 | 3 | 10 | ? | ? | ? | 513‡ | 7 |
| MADRAS - - | 452,518 | „ | 22 | 334 | 316 | 36·3 | 3 | 27 | ? | ? | ? | 115 | 3 |
| PARIS - - - | 2,511,629 | May | 14 | 1122 | 970 | 20.0 | – | 37 | 2 | 4* | 10 | 3 | 4 |
| BRUSSELS - - | 531,024 | „ | 14 | 244 | 171 | 16·7 | – | – | – | – | 6 | 1 | 2 |
| AMSTERDAM - | 505,326 | „ | 7 | 292 | 158 | 16·3 | – | 2 | – | – | 2 | 1 | – |
| ROTTERDAM - | 290,004 | „ | 7 | 233 | 103 | 18·4 | – | 3 | – | 1 | – | 1 | – |
| THE HAGUE - | 191,529 | „ | 7 | 101 | 73 | 19·7 | – | – | – | 1 | 1 | – | – |
| COPENHAGEN - | 340,500 | „ | 14 | 190 | 153 | 23·4 | – | – | – | 1 | 6 | – | |
| STOCKHOLM - | 274,611 | „ | 7 | 149 | 100 | 18·3 | – | – | 2 | 4* | – | 1 | |
| CHRISTIANIA - | 192,141 | „ | 14 | 102 | 71 | 19·2 | – | 1 | – | – | 4 | – | |
| ST. PETERSBURG | 954,400 | „ | 7 | 709 | 642 | 35·4 | 2 | 8 | 10 | 23 | 4 | 29 | 5 |
| MOSCOW - - | 988,610 | „ | 7 | – | 571 | 30·1 | 3 | 12 | 5 | 12 | – | 11 | 6 |
| BERLIN - - | 1,753,775 | April | 30 | 921 | 603 | 17·8 | – | 3 | 2 | 7 | 4 | – | 3 |
| HAMBURG - - | 661,015 | May | 14 | – | 228 | 17·9 | – | 13 | – | – | 2 | – | 1 |
| DRESDEN - - | 377,500 | April | 6 | – | – | – | – | – | – | – | – | – | – |
| BRESLAU - - | 392,795 | May | 14 | – | 182 | 24·2 | – | 7 | – | 3* | 1 | – | 1 |
| MUNICH - - | 430,000 | „ | 14 | – | 215 | 26·0 | – | – | 2 | – | 5 | – | 3 |
| VIENNA - - | 1,574,129 | „ | 14 | 974 | 691 | 22·6 | – | 35 | 5 | 7* | 2 | 1 | 3 |
| PRAGUE - - | 377,109 | „ | 14 | 194 | 189 | 25·7 | – | 3 | 6 | – | – | 4 | |
| BUDA-PESTH - | 648,104 | „ | 7 | 422 | 267 | 21·4 | – | 2 | 4 | 3 | 1 | 3 | 1 |
| TRIESTE - - | 164,491 | „ | 7 | 134 | 57 | 17·8 | – | – | 2 | – | – | – | |
| ROME - - - | 489,965 | April | 16 | 203 | 144 | 15·3 | – | 4 | – | 1 | – | 1 | 1 |
| TURIN (11 days) | 344,203 | March | 31 | 233 | 205 | 19·8 | – | 1 | – | – | 2 | 2 | |
| VENICE - - | 167,074 | April | 30 | 64 | 49 | 15·3 | – | – | – | 1* | – | 2 | |
| CAIRO - - | 570,062 | February | 18 | 486 | 281 | 25·6 | 1 | 1 | – | 3* | 1 | 2 | 1 |
| ALEXANDRIA - | 319,766 | „ | 18 | 233 | 208 | 33·8 | 20 | – | – | – | – | 1 | 3 |
| NEW YORK (including BROOKLYN) | 3,438,899 | April | 30 | 1365 | 1240 | 18·8 | – | 21 | 20 | 36 | 24 | 9 | 1 |
| PHILADELPHIA - | 1,240,266 | May | 7 | – | 445 | 18·7 | – | 1 | 7 | 23 | 4 | 9 | |

* Including deaths from croup.
† Including 20 deaths from cholera in Calcutta and 3 in Madras.
‡ Including 442 deaths from bubonic fever.

| 1898. Month and Day. | Phases of the Moon. | Mean daily reading (corrected and reduced to 32° Fahrenheit). | Of the Air. High-est. | Of the Air. Low-est | Of the Air. Daily Range. | Of the Air. Mean daily value. | Of the Air. De-parture from Average of 50 years. | Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Difference. Great-est. | Difference. Least. | Degree of Humidity (Saturation equals 100). | Of Radiation. Highest in Sun's Rays. | Of Radiation. Lowest on the Grass. | Of the Earth 3 feet below the Surface. | Wind as deduced from Anemometers. Osler's. General Direction. A.M. | Osler's. General Direction. P.M. | Osler's. Pressure on the Square Foot. Great-est. | Osler's. Pressure. Least. | Osler's. Pressure. Mean of 24 hourly obs. | Robinson's. Horizontal Movement of the Air on each Day. | Robinson's. Depar-ture from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| May | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| Sunday - 15 | .. | 29·707 | 56·5 | 42·8 | 13·7 | 48·4 | − 4·4 | 45·9 | 2·5 | 10·1 | 0·0 | 91 | 73·0 | 39·1 | 50·11 | ENE. & ESE. | Variable & SW. | 0·6 | 0·0 | 0·0 | 148 | −101 | 0·07 | 0·0 |
| Monday - 16 | .. | 29·991 | 59·0 | 42·5 | 16·5 | 49·1 | − 4·0 | 38·1 | 11·0 | 20·9 | 2·4 | 66 | 121·0 | 38·0 | 50·20 | N. | N., NE. & SE. | 2·1 | 0·0 | 0·3 | 252 | + 3 | 0·03 | 0·0 |
| Tuesday - 17 | .. | 29·982 | 60·0 | 38·1 | 21·9 | 48·4 | − 4·9 | 39·0 | 9·4 | 22·4 | 1·0 | 70 | 115·6 | 34·2 | 50·20 | SSW. & N. | SW., SSW. & SE. | 0·6 | 0·0 | 0·0 | 139 | −109 | 0·00 | 0·0 |
| Wednesday 18 | .. | 30·021 | 57·3 | 40·0 | 17·3 | 48·3 | − 5·3 | 37·8 | 10·5 | 16·9 | 1·4 | 67 | 124·0 | 36·2 | 50·24 | ESE., NE. & ENE. | ENE. & NE. | 7·6 | 0·0 | 1·0 | 461 | +213 | 0·00 | 0·0 |
| Thursday - 19 | .. | 29·656 | 50·0 | 39·0 | 11·0 | 45·6 | − 8·3 | 45·2 | 0·4 | 4·0 | 0·0 | 99 | 63·2 | 34·9 | 50·20 | NNE. | NE. | 6·0 | 0·0 | 0·8 | 440 | +192 | 0·47 | 0·0 |
| Friday - 20 | New | 29·507 | 51·9 | 48·8 | 3·1 | 50·0 | − 4·2 | 49·4 | 0·6 | 1·7 | 0·0 | 98 | 55·1 | 47·3 | 50·11 | NNE. & N. | N. & NNE. | 2·7 | 0·0 | 0·3 | 303 | + 55 | 0·16 | 0·0 |
| Saturday - 21 | .. | 29·620 | 61·9 | 48·2 | 13·7 | 53·3 | − 1·3 | 48·7 | 4·6 | 11·4 | 0·0 | 85 | 102·2 | 43·6 | 50·13 | N., SW. & SSW. | S. & SE. | 2·0 | 0·0 | 0·1 | 169 | - 179 | 0·05 | 0·0 |
| Means - - | | 29·783 | 56·7 | 42·8 | 13·9 | 49·0 | − 4·6 | 43·4 | 5·6 | 12·5 | 0·7 | 82 | 93·4 | 38·8 | 50·17 | NE. & SW. | | .. | .. | .. | Sum 1912 | Sum + 74 | Sum 0·78 | 0·0 |
| No. of Column - | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| Date. May | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | General Remarks. |
|---|---|---|---|---|
| Sunday - 15 | w. P. and w. N. till 1h. P.M.; w. P. afterwards. | 1·5 | 15·5 | Overcast and showery till 3h. P.M.; fine and partially cloudy afterwards. |
| Monday - 16 | v. P. and v. N. till 2h. A.M.; m. P. generally afterwards. | 11·4 | 15·6 | Overcast and showery in early morning; fine afterwards. |
| Tuesday - 17 | m. P. till 8h. A.M.; v. P. till 4h. P.M.; w. P. afterwards. | 4·9 | 15·6 | Generally cloudy. Great gloom with low fog at 1h. P.M. Slight rain in evening. |
| Wednesday 18 | m. P. till 9h. A.M.; v. P. and w. N. till 8h. P.M.; m. P. afterwards. | 12·0 | 15·6 | Cloudy in morning; fine afterwards. Cloudless at night. Brisk wind till evening. |
| Thursday - 19 | w. P. generally till 1h. P.M.; s. P. & s. N. till 5h. P.M.; w. P. afterwards. | 0·0 | 15·7 | Cloudless and very fine till 3h. A.M.; overcast with frequent rain afterwards. |
| Friday - 20 | w. P. till noon; w. P. and w. N. afterwards. | 0·0 | 15·7 | Overcast; frequent rain. |
| Saturday - 21 | w. P. throughout - | 2·4 | 15·8 | Generally overcast till 3h. P.M.; fine afterwards. |
| | | Sum 32·2 | Sum 109·5 | |
| No. of Col. - - | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer increased from 29·68 in. at the beginning of the week to 30·08 in. by 11h. P.M. on the 16th; decreased to 29·92 in. by 6h. P.M. on the 17th; increased to 30·05 in. by 10h. A.M. on the 18th; decreased to 29·45 in. by 5h. P.M. on the 20th; and increased to 29·67 in. by the end of the week.

LONDON:
PRINTED FOR HER MAJESTY'S STATIONERY OFFICE
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1898

OFFICIAL COPY.

# WEEKLY RETURN

OF

# BIRTHS AND DEATHS IN LONDON

AND IN

## THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

*Printed under the Superintendence of Her Majesty's Stationery Office,*
AND SOLD BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 21. 1898. VOL. LIX.] WEEK ENDING SATURDAY, MAY 28. [Price 1½*d*.

*General Register Office, Somerset House,*
*May* 31*st*, 1898.

### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 16·5 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS. | Weeks ending | | | | TOWNS. | Weeks ending | | | |
|---|---|---|---|---|---|---|---|---|---|
| | May 7. | May 14. | May 21. | May 28. | | May 7. | May 14. | May 21. | May 28. |
| **33 Great Towns** | **17·4** | **16·6** | **16·4** | **16·5** | Leicester - - | 16·0 | 15·5 | 15·2 | 13·0 |
| Birkenhead - | 13·8 | 14·3 | 14·7 | 14·7 | Liverpool - - | 26·2 | 22·6 | 22·6 | 22·5 |
| Birmingham - | 18·8 | 17·6 | 16·7 | 17·6 | London - - - | 16·9 | 15·7 | 15·7 | 16·0 |
| Blackburn - | 19·2 | 11·7 | 16·4 | 14·5 | Manchester - - | 20·4 | 21·8 | 19·5 | 21·9 |
| Bolton - - | 13·6 | 22·1 | 21·3 | 18·3 | Newcastle-on-Tyne | 20·8 | 15·9 | 23·6 | 22·2 |
| Bradford - | 16·5 | 16·5 | 15·2 | 16·3 | Norwich - - | 15·9 | 17·7 | 17·7 | 13·1 |
| Brighton - | 14·9 | 10·2 | 10·7 | 11·1 | Nottingham - - | 16·3 | 15·5 | 12·8 | 15·2 |
| Bristol - | 15·5 | 11·8 | 15·8 | 12·3 | Oldham - - | 21·1 | 19·7 | 15·1 | 17·6 |
| Burnley - | 13·3 | 18·1 | 12·4 | 15·7 | Plymouth - - | 15·3 | 20·0 | 15·8 | 15·8 |
| Cardiff - - | 12·9 | 11·7 | 8·8 | 13·5 | Portsmouth - - | 12·6 | 16·8 | 8·9 | 12·9 |
| Croydon - | 10·9 | 14·7 | 9·2 | 8·0 | Preston - - | 17·5 | 12·5 | 15·2 | 15·7 |
| Derby - - | 17·9 | 18·9 | 14·4 | 14·4 | Salford - - - | 17·9 | 16·9 | 21·3 | 16·9 |
| Gateshead - | 20·1 | 17·1 | 16·6 | 22·1 | Sheffield - - | 17·8 | 18·9 | 17·8 | 16·2 |
| Halifax - | 14·0 | 22·1 | 13·5 | 29·1 | Sunderland - - | 20·3 | 16·7 | 24·3 | 23·2 |
| Huddersfield - | 20·9 | 15·8 | 15·8 | 15·3 | Swansea - - | 13·3 | 18·4 | 16·4 | 11·8 |
| Hull - - | 14·4 | 17·0 | 13·2 | 15·2 | West Ham - - | 12·4 | 10·0 | 9·8 | 10·4 |
| Leeds - - | 18·3 | 18·6 | 20·8 | 17·1 | Wolverhampton - | 17·8 | 17·2 | 23·7 | 10·1 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were :—from *measles*, 1·1 in Bradford and 4·3 in Halifax; from *scarlet fever*, 1·6 in Halifax; and from *whooping-cough*, 1·1 in Birmingham and in Sunderland, 1·2 in Liverpool and in Sheffield, 1·5 in Gateshead, and 1·9 in Newcastle-on-Tyne. In no case did the death-rate from "*fever*" or from *diarrhœa* reach 1·0 per 1000 in any of the thirty-three towns. The 55 deaths from *diphtheria* included 27 in London, 4 in West Ham, 4 in Cardiff, 4 in Liverpool, and 3 in Leeds. One death from *small-pox* was registered in Newcastle-on-Tyne, but not one in any other of the thirty-three towns.

In the registration district of Middlesbrough 2 deaths from small-pox were registered last week, making a total of 209 deaths from this disease since the beginning of the year.

### LONDON.

In LONDON† 2569 BIRTHS and 1385 DEATHS were registered. Allowing for increase of population, the births were 6, and the deaths 194, below the average numbers in the corresponding weeks of the last ten

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

years. The annual death-rate per 1000 from all causes, which had been 16·9, 15·7, and 15·7 in the preceding three weeks, rose again last week to 16·0. During the four weeks ending on Saturday last the death-rate averaged 16·1 per 1000, being 2·4 per 1000 below the mean rate in the corresponding periods of the ten years 1888–97.

The 1385 deaths included 74 from measles, 6 from scarlet fever, 27 from diphtheria, 59 from whooping-cough, 6 from enteric fever, 10 from diarrhœa and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 182 deaths were referred to these diseases, being 34 below the corrected average weekly number.

The deaths from *measles*, which had been 99, 76, and 82 in the preceding three weeks, fell again last week to 74, the corrected average being 73; 10 cases belonged to St. Marylebone, 7 to Lewisham, and 5 to Islington sanitary areas. The deaths from *scarlet fever*, which had been 10, 11, and 16 in the preceding three weeks, fell again last week to 6, and were 11 below the corrected average; 2 cases belonged to Kensington, and 2 to Chelsea sanitary areas. The deaths from *diphtheria*, which had been 27, 20, and 31 in the preceding three weeks, fell last week to 27, and were 9 below the corrected average; 3 cases belonged to Battersea sanitary area. The deaths from *whooping-cough*, which had been 52, 48, and 47 in the preceding three weeks, rose again last week to 59, but were 3 below the corrected average; 7 cases belonged to Lambeth, 6 to Islington, and 5 to St. Pancras sanitary areas. The fatal cases of *enteric fever*, which had been 5, 7, and 1 in the preceding three weeks, rose again last week to 6, the corrected average being 8. The deaths from *diarrhœa*, which had been 13, 8, and 16 in the preceding three weeks, fell again last week to 10, and were 6 below the corrected average. The deaths referred to diseases of the respiratory organs, which had been 226, 232, and 177 in the preceding three weeks, rose again last week to 216, but were 73 below the corrected average. The deaths attributed directly to *influenza* numbered 16, having been 17, 15, and 10 in the preceding three weeks.

Different forms of violence caused 63 deaths, concerning all but 1 of which inquests were held. Of these 63 deaths, 10 were cases of suicide and 1 of homicide, while the remaining 52 were attributed to accident or negligence. Five of these were referred to vehicles in the streets, 5 to drowning, and 17 (of infants under one year of age) to suffocation in bed.

### Cases of Infectious Sickness in Hospitals.*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2195 cases of scarlet fever, 923 of diphtheria, 2 of typhus, and 54 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 256 cases, against 209, 229, and 223; of diphtheria, 144 cases, against 133, 131, and 130; and of enteric fever, 10 cases, against 3, 11, and 8.

### Greater London.

In Greater London 3557 births and 1753 deaths were registered, corresponding to annual rates of 28·9 and 14·3 per 1000 of the estimated population. In the Outer Ring 14 deaths from measles, 1 from scarlet fever, 14 from diphtheria, 16 from whooping-cough, 1 from "fever," and 6 from diarrhœa were registered. Six deaths from diphtheria occurred in West Ham district, 4 in Edmonton district, and 2 in Kingston district.

### Meteorology.

The mean reading of the Barometer last week at Greenwich was 29·68 inches, and that of the Thermometer 54°·7, the latter being 0°·9 below the week's average in the 50 years 1841–90. The direction of the wind was easterly, the horizontal movement of the air being 28 per cent. below the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 37·0 hours; the measured rainfall amounted to 0·40 of an inch.

* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Registered during the Week ending 28th May 1898. Births. | Deaths. | The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Annual Rate per 1000, corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6-12. | Temperature of the Air. Highest. Fahrenheit. | Lowest. Fahrenheit. | Mean. Fahrenheit. | Mean. Centigrade. | Rainfall. In Inches. | In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18 | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| **33 Towns** - | **11,218,378** | **6704** | **3548** | **863** | **859** | **1** | **134** | **26** | **55** | **131** | **19** | **34** | **146** | **301** | **834** | **40** | **16·5** | **1·9** | **76·0** | **34·0** | **51·8** | **11·00** | **0·57** | **1·45** | **33 Towns.** |
| London - - | 4,504,766 | 2569 | 1385 | 339 | 348 | - | 74 | 6 | 27 | 59 | 6 | 10 | 63 | 154 | 438 | 9 | 16·0 | 2·1 | 75·0 | 44·2 | 54·7 | 12·61 | 0·40 | 1·02 | London. |
| West Ham - - | 286,654 | 149 | 57 | 14 | 11 | - | 1 | - | 4 | 2 | - | 1 | 3 | 4 | 6 | 1 | 10·4 | 1·5 | - | - | - | - | - | - | West Ham. |
| Croydon - - | 124,421 | 54 | 19 | 3 | 9 | - | - | - | - | 1 | - | 1 | - | - | 5 | - | 8·0 | 0·8 | 76·0 | 41·3 | 53·9 | 12·17 | 0·05 | 0·13 | Croydon. |
| Brighton - - | 122,310 | 57 | 26 | 6 | 12 | - | - | - | - | - | - | - | 1 | 1 | 12 | - | 11·1 | - | 70·0 | 42·8 | 55·0 | 12·78 | 0·05 | 0·13 | Brighton. |
| Portsmouth - | 186,618 | 96 | 46 | 5 | 13 | - | - | 1 | 2 | - | - | - | 3 | 6 | 12 | - | 12·9 | 0·8 | 67·5 | 43·0 | 54·1 | 12·28 | 3·14 | 7·98 | Portsmouth. |
| Plymouth - - | 99,136 | 66 | 30 | 2 | 13 | - | - | - | 1 | 1 | - | - | 1 | 1 | 6 | - | 15·8 | 1·1 | - | - | - | - | - | - | Plymouth. |
| Bristol - - | 316,900 | 166 | 75 | 16 | 24 | - | 4 | - | 1 | - | - | 1 | 3 | 8 | 13 | 3 | 12·3 | 1·0 | 73·0 | 43·0 | 52·7 | 11·50 | 0·90 | 2·29 | Bristol. |
| Cardiff - - | 177,770 | 110 | 46 | 11 | 14 | - | - | - | 4 | 1 | - | 1 | 2 | 3 | 10 | - | 13·5 | 1·8 | - | - | - | - | - | - | Cardiff. |
| Swansea - - | 102,001 | 63 | 23 | 8 | 5 | - | - | - | - | - | - | - | - | 1 | - | - | 11·8 | - | - | - | - | - | - | - | Swansea. |
| Wolverhampton | 88,051 | 62 | 17 | 8 | 4 | - | 1 | - | - | - | - | - | - | - | - | - | 10·1 | 0·6 | 68·2 | 39·0 | 51·0 | 10·56 | 0·43 | 1·09 | Wolverhampton. |
| Birmingham - | 510,343 | 326 | 172 | 50 | 35 | - | 4 | 1 | 2 | 11 | 1 | 4 | 11 | 13 | 44 | 5 | 17·6 | 2·3 | - | - | - | - | - | - | Birmingham. |
| Norwich - - | 111,699 | 60 | 28 | 3 | 8 | - | 1 | - | - | - | 1 | - | 1 | 1 | 1 | 1 | 13·1 | 0·9 | 66·2 | 36·8 | 49·9 | 9·94 | 0·04 | 0·10 | Norwich. |
| Leicester - - | 208,662 | 139 | 52 | 18 | 11 | - | 3 | - | - | - | - | - | 1 | 1 | 3 | 1 | 13·0 | 0·7 | - | - | - | - | - | - | Leicester. |
| Nottingham - | 236,137 | 158 | 69 | 13 | 17 | - | - | - | - | 2 | - | - | 2 | 4 | 8 | - | 15·2 | 0·4 | 69·4 | 44·0 | 50·9 | 10·50 | 0·34 | 0·86 | Nottingham. |
| Derby - - - | 104,834 | 48 | 29 | 5 | 12 | - | 1 | - | - | 1 | - | - | 2 | 2 | 4 | - | 14·4 | 1·0 | - | - | - | - | - | - | Derby. |
| Birkenhead - | 113,189 | 63 | 32 | 7 | 5 | - | - | - | 1 | 1 | - | - | - | 2 | 6 | - | 14·7 | 0·9 | - | - | - | - | - | - | Birkenhead. |
| Liverpool - - | 633,645 | 418 | 273 | 58 | 55 | - | 10 | 3 | 4 | 14 | 2 | 3 | 12 | 21 | 76 | 6 | 22·5 | 3·0 | 67·8 | 44·3 | 51·6 | 10·89 | 1·03 | 2·62 | Liverpool. |
| Bolton - - | 122,495 | 76 | 43 | 9 | 17 | - | 1 | - | - | 2 | - | 1 | 2 | 3 | 5 | - | 18·3 | 1·7 | - | - | - | - | - | - | Bolton. |
| Manchester - | 539,070 | 360 | 226 | 51 | 47 | - | 5 | - | 1 | 2 | 3 | 4 | 5 | 12 | 56 | 1 | 21·9 | 1·5 | - | - | - | - | - | - | Manchester. |
| Salford - - | 215,702 | 155 | 70 | 23 | 16 | - | 2 | - | - | 2 | 1 | - | 4 | 7 | 12 | - | 16·9 | 1·2 | - | - | - | - | - | - | Salford. |
| Oldham - - | 148,288 | 81 | 50 | 11 | 13 | - | 1 | 1 | - | - | - | - | - | 2 | 4 | - | 17·6 | 0·7 | - | - | - | - | - | - | Oldham. |
| Burnley - - | 109,546 | 77 | 33 | 7 | 6 | - | 1 | - | - | - | 1 | - | 2 | 2 | 3 | - | 15·7 | 1·0 | - | - | - | - | - | - | Burnley. |
| Blackburn - - | 133,228 | 77 | 37 | 8 | 14 | - | - | - | - | - | - | 1 | 2 | 3 | 2 | 1 | 14·5 | 0·4 | - | - | - | - | - | - | Blackburn. |
| Preston - - | 116,356 | 59 | 35 | 11 | 6 | - | - | - | - | - | - | 2 | 2 | 2 | 4 | 1 | 15·7 | 0·9 | - | - | - | - | - | - | Preston. |
| Huddersfield - | 102,454 | 37 | 30 | 5 | 13 | - | - | 1 | - | - | - | - | - | 1 | 5 | 1 | 15·3 | 0·5 | 62·4 | 38·0 | 49·1 | 9·50 | 0·21 | 0·53 | Huddersfield. |
| Halifax - - | 96,729 | 35 | 54 | 10 | 9 | - | 8 | 3 | - | 1 | - | 1 | 2 | 3 | 8 | 2 | 29·1 | 7·0 | - | - | - | - | - | - | Halifax. |
| Bradford - - | 233,737 | 119 | 73 | 16 | 15 | - | 5 | 2 | - | 1 | - | 1 | 1 | 2 | 13 | 1 | 16·3 | 2·0 | 63·4 | 41·4 | 51·1 | 10·61 | 0·22 | 0·56 | Bradford. |
| Leeds - - - | 416,618 | 276 | 137 | 37 | 33 | - | 3 | 3 | 3 | 6 | - | 1 | 3 | 8 | 19 | 1 | 17·1 | 2·0 | - | - | - | - | - | - | Leeds. |
| Sheffield - - | 356,478 | 222 | 111 | 30 | 19 | - | 2 | 3 | 2 | 8 | - | - | 5 | 8 | 15 | 2 | 16·2 | 2·2 | - | - | - | - | - | - | Sheffield. |
| Hull - - - | 229,887 | 167 | 67 | 21 | 17 | - | 3 | 1 | 2 | 2 | 2 | - | 1 | 1 | 15 | 3 | 15·2 | 2·3 | 64·0 | 34·0 | 47·5 | 8·61 | 0·00 | 0·00 | Hull. |
| Sunderland - | 143,849 | 113 | 64 | 15 | 17 | - | 1 | 1 | - | 3 | 1 | - | 3 | 10 | 13 | 1 | 23·2 | 2·2 | - | - | - | - | - | - | Sunderland. |
| Gateshead - - | 103,775 | 90 | 44 | 17 | 4 | - | - | - | - | 3 | - | 1 | 6 | 9 | 2 | - | 22·1 | 2·0 | - | - | - | - | - | - | Gateshead. |
| Newcastle - | 223,021 | 156 | 95 | 26 | 17 | 1 | 3 | - | 1 | 8 | 1 | 1 | 3 | 6 | 14 | - | 22·2 | 3·5 | - | - | - | - | - | - | Newcastle. |

* See note * on first page of this return.

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the TWENTY-FIRST Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2278 | 2402 | 2443 | 2681 | 2508 | 2242 | 2414 | 2640 | 2421 | 2437 | 2574·5 | 2569 |
| Males | 1151 | 1218 | 1265 | 1388 | 1262 | 1152 | 1218 | 1337 | 1228 | 1264 | 1313·5 | 1327 |
| Females | 1127 | 1184 | 1178 | 1293 | 1246 | 1090 | 1196 | 1303 | 1193 | 1173 | 1261·0 | 1242 |
| TOTAL **Deaths** | 1361 | 1267 | 1451 | 2337 | 1534 | 1459 | 1440 | 1371 | 1509 | 1275 | 1578·9 | 1385 |
| Males | 708 | 664 | 742 | 1166 | 802 | 758 | 764 | 709 | 810 | 662 | 819·2 | 697 |
| Females | 653 | 603 | 709 | 1171 | 732 | 701 | 676 | 662 | 699 | 613 | 759·7 | 688 |

* The numbers in this column are the average weekly numbers in the twenty-first week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | Mar. 5. | Mar. 12. | Mar. 19. | Mar. 26. | Apr. 2. | Apr. 9. | Apr. 16. | Apr. 23. | Apr. 30. | May 7. | May 14. | May 21. | May 28. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2585 | 2736 | 2576 | 2218 | 2860 | 2415 | 2623 | 2769 | 2522 | 2449 | 2425 | 2285 | 2569 |
| TOTAL **Deaths** | 1805 | 1854 | 1869 | 1731 | 1883 | 1691 | 1648 | 1546 | 1485 | 1464 | 1356 | 1360 | 1385 |
| Ages at Death: Under 1 year | 384 | 381 | 367 | 331 | 386 | 368 | 377 | 336 | 346 | 297 | 288 | 322 | 339 |
| 1—5 years | 302 | 340 | 311 | 358 | 338 | 295 | 285 | 283 | 265 | 272 | 206 | 215 | 202 |
| 5—20 ,, | 98 | 97 | 83 | 98 | 84 | 86 | 76 | 88 | 80 | 60 | 71 | 86 | 83 |
| 20—40 ,, | 218 | 202 | 206 | 202 | 198 | 195 | 186 | 194 | 181 | 198 | 200 | 176 | 167 |
| 40—60 ,, | 334 | 340 | 360 | 314 | 344 | 309 | 290 | 300 | 283 | 276 | 268 | 271 | 246 |
| 60—80 ,, | 379 | 383 | 425 | 344 | 424 | 364 | 362 | 272 | 274 | 309 | 259 | 247 | 293 |
| 80 years and upwards | 90 | 111 | 117 | 84 | 109 | 74 | 72 | 73 | 56 | 52 | 64 | 43 | 55 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Measles | 115 | 141 | 134 | 143 | 115 | 108 | 117 | 131 | 107 | 99 | 76 | 82 | 74 |
| Scarlet Fever | 8 | 8 | 10 | 15 | 22 | 19 | 12 | 10 | 13 | 10 | 11 | 16 | 6 |
| Diphtheria | 38 | 33 | 36 | 53 | 45 | 29 | 34 | 31 | 39 | 27 | 20 | 31 | 27 |
| Whooping-cough | 49 | 59 | 56 | 59 | 63 | 64 | 59 | 53 | 70 | 52 | 48 | 47 | 59 |
| Typhus | – | – | – | 1 | 1 | – | – | – | – | – | – | – | – |
| Enteric Fever | 11 | 7 | 10 | 1 | 7 | 9 | 7 | 5 | 7 | 5 | 7 | 1 | 6 |
| Simple Continued Fever | – | – | – | – | – | – | – | 1 | – | – | – | – | – |
| Diarrhœa and Dysentery | 11 | 9 | 11 | 9 | 9 | 15 | 12 | 10 | 10 | 13 | 8 | 16 | 10 |
| Cholera | – | – | – | – | – | – | – | – | – | – | – | – | – |
| All the above Diseases | 232 | 257 | 257 | 281 | 262 | 244 | 241 | 241 | 246 | 206 | 170 | 193 | 182 |
| Dis. of Respiratory System | 425 | 429 | 430 | 402 | 451 | 372 | 305 | 283 | 274 | 226 | 232 | 177 | 216 |
| Phthisis | 172 | 192 | 184 | 143 | 160 | 146 | 138 | 154 | 153 | 158 | 168 | 159 | 134 |
| Dis. of Circulatory System | 153 | 141 | 136 | 137 | 147 | 140 | 141 | 129 | 131 | 116 | 114 | 141 | 120 |
| Violence | 53 | 68 | 59 | 84 | 53 | 78 | 76 | 54 | 61 | 61 | 58 | 65 | 63 |
| Inquest Cases | 142 | 175 | 157 | 160 | 141 | 137 | 158 | 123 | 142 | 130 | 122 | 108 | 154 |
| Deaths in Public Institutions | 477 | 471 | 543 | 542 | 544 | 529 | 461 | 472 | 447 | 440 | 431 | 449 | 438 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean | 38°·9 | 37°·7 | 45°·7 | 37°·5 | 40°·7 | 49°·3 | 49°·3 | 46°·4 | 48°·3 | 51°·9 | 50°·7 | 49°·0 | 54°·7 |
| Mean of Highest readings | 46·2 | 43·9 | 52·6 | 44·8 | 48·3 | 59·3 | 57·4 | 56·8 | 57·5 | 59·9 | 59·0 | 56·7 | 64·8 |
| Mean of Lowest readings | 33·5 | 32·3 | 38·6 | 31·5 | 34·4 | 40·6 | 42·2 | 37·6 | 40·4 | 44·8 | 44·7 | 42·8 | 46·7 |
| Humidity of the Air | 81 | 76 | 78 | 84 | 79 | 67 | 72 | 73 | 81 | 75 | 76 | 82 | 76 |
| Rain-fall (in inches) | 0·59 | 0·01 | 0·25 | 0·56 | 0·15 | 0·13 | 0·31 | 0·00 | 0·49 | 0·58 | 0·54 | 0·78 | 0·40 |
| Registered Sunshine (in hours) | 15·1 | 18·0 | 13·3 | 16·5 | 28·9 | 47·8 | 25·8 | 46·4 | 23·9 | 36·6 | 30·8 | 32·2 | 37·0 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox | 1 | 1 | 1 | 1 | – | – | – | – | – | – | – | – | – |
| Scarlet Fever | 2534 | 2445 | 2419 | 2371 | 2377 | 2421 | 2384 | 2334 | 2302 | 2271 | 2247 | 2241 | 2195 |
| Diphtheria | 1047 | 1027 | 1024 | 1022 | 1009 | 1004 | 962 | 953 | 930 | 942 | 948 | 953 | 923 |
| Enteric Fever | 82 | 84 | 79 | 72 | 64 | 62 | 61 | 67 | 59 | 54 | 57 | 55 | 54 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton: A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and T. Boobbyer Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S. Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-FIRST Week of the Year 1898.

| CAUSES OF DEATH. | Corrected Averages for the 21st Week of the 10 years 1888-97*. | In the Week ending Saturday, 28th May 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| CAUSES - - - | 1578·9 | 1385 | 339 | 202 | 83 | 167 | 246 | 293 | 55 |
| all-pox { Vaccinated† - | 0·6 | - | - | - | - | - | - | - | - |
| { Unvaccinated | 0·9 | - | - | - | - | - | - | - | - |
| { No Statement | 1·2 | - | - | - | - | - | - | - | - |
| ales - - - - | 73·4 | 74 | 16 | 53 | 5 | - | - | - | - |
| let Fever - - - | 16·9 | 6 | - | 5 | 1 | - | - | - | - |
| nus - - - - | 0·2 | - | - | - | - | - | - | - | - |
| psing Fever - - | - | - | - | - | - | - | - | - | - |
| enza - - - - | 40·4 | 16 | 1 | - | 1 | 4 | 5 | 5 | - |
| oping-cough - - | 61·5 | 59 | 30 | 28 | 1 | - | - | - | - |
| theria - - | 35·9 | 27 | 2 | 15 | 10 | - | - | - | - |
| ble Continued and -defined Fever - | 0·6 | - | - | - | - | - | - | - | - |
| eric Fever - - - | 8·3 | 6 | - | 1 | 1 | 3 | 1 | - | - |
| era and Chol. Diarr. | 0·6 | - | - | - | - | - | - | - | - |
| rhœa, Dysentery - | 15·5 | 10 | 5 | 1 | - | - | 2 | 2 | - |
| ittent Fever - - | - | - | - | - | - | - | - | - | - |
| rophobia - - - | - | - | - | - | - | - | - | - | - |
| ders - - - - | - | - | - | - | - | - | - | - | - |
| pox and Effects of cination - - | - | - | - | - | - | - | - | - | - |
| real Affections - - | 12·0 | 6 | 5 | - | - | 1 | - | - | - |
| ipelas - - - | 3·7 | 3 | 1 | - | - | - | 2 | - | - |
| mia and Septicæmia | 2·3 | - | - | - | - | - | - | - | - |
| peral Fever - - | 4·1 | 3 | - | - | 1 | 2 | - | - | - |
| r Zymotic Diseases | 1·8 | 1 | 1 | - | - | - | - | - | - |
| ish - - - - | 0·9 | 1 | 1 | - | - | - | - | - | - |
| ms and other Para- { cal Diseases - | 0·1 | 1 | - | - | - | - | 1 | - | - |
| vation, Want of { east-milk - - | 0·9 | - | - | - | - | - | - | - | - |
| holism - - - | 10·3 | 11 | - | - | - | 2 | 7 | 2 | - |
| umatic Fever, { eumatism of Heart | 5·4 | 8 | - | 1 | 2 | 2 | 3 | - | - |
| umatism - - - | 2·0 | - | - | - | - | - | - | - | - |
| - - - - - | 4·0 | 1 | - | - | - | - | 1 | - | - |
| ets - - - - | 5·6 | 8 | 5 | 3 | - | - | - | - | - |
| er - - - - | 68·8 | 73 | 1 | - | - | 3 | 34 | 32 | 3 |
| s Mesenterica - - | 18·8 | 13 | 5 | 7 | 1 | - | - | - | - |
| rcular Meningitis - | 26·9 | 25 | 10 | 9 | 3 | 2 | 1 | - | - |
| isis - - - - | 157·3 | 134 | - | 4 | 16 | 64 | 42 | 8 | - |
| tula, Tuberculosis - | 20·8 | 21 | 5 | 7 | 6 | 1 | - | 2 | - |
| r Constitutional { seases - - | 12·2 | 12 | - | 1 | 1 | - | 7 | 3 | - |
| nature Birth - - | 48·7 | 52 | 52 | - | - | - | - | - | - |
| ectasis - - - | 3·8 | 6 | 6 | - | - | - | - | - | - |
| enital Malforma- { ns - - - | 7·4 | 8 | 6 | - | 1 | 1 | - | - | - |
| Age - - - - | 46·6 | 53 | - | - | - | - | - | 27 | 26 |
| plexy - - - | 42·7 | 42 | - | - | - | 1 | 11 | 29 | 1 |
| epsy - - - - | 7·5 | 9 | - | - | 1 | 2 | 1 | 5 | - |
| rulsions - - - | 39·1 | 30 | 25 | 5 | - | - | - | - | - |
| r Diseases of Brain { l Nervous System | 88·7 | 78 | 8 | 8 | 5 | 13 | 19 | 24 | 1 |
| ses of Organs of { ecial Sense - | 3·2 | 2 | - | - | - | 2 | - | - | - |

| CAUSES OF DEATH | Corrected Averages for the 21st Week of the 10 years 1888-97*. | In the Week ending Saturday, 28th May 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 131·4 | 120 | 1 | 2 | 10 | 17 | 32 | 53 | 5 |
| Croup - - - - | 4·1 | 2 | - | 1 | 1 | - | - | - | - |
| Bronchitis - - - | 139·7 | 94 | 29 | 8 | - | 2 | 9 | 37 | 9 |
| Pneumonia - - - | 118·9 | 98 | 26 | 25 | 4 | 10 | 14 | 18 | 1 |
| Pleurisy - - - - | 5·6 | 9 | 1 | 2 | 1 | - | 3 | 2 | - |
| Other Diseases of Respiratory System - | 21·0 | 13 | 5 | - | - | - | 4 | 4 | - |
| Dentition - - - - | 10·9 | 10 | 5 | 5 | - | - | - | - | - |
| Quinsy, Sore Throat - | 2·0 | - | - | - | - | - | - | - | - |
| Enteritis - - - - | 12·1 | 20 | 12 | 1 | 2 | 4 | - | 1 | - |
| Peritonitis - - - | 5·5 | 4 | 1 | - | 1 | 1 | - | 1 | - |
| Diseases of Liver - - | 24·2 | 22 | 2 | - | - | 1 | 10 | 9 | - |
| Other Diseases of Digestive System | 26·5 | 30 | 8 | 1 | 2 | 2 | 8 | 6 | 3 |
| Diseases of Lymphatic System & of Ductless Glands - - - | 2·6 | 1 | - | - | - | - | - | 1 | - |
| Diseases of Urinary System - - - | 40·6 | 44 | 1 | 1 | - | 6 | 21 | 15 | - |
| Diseases of Generative System - - - | 4·6 | 3 | - | - | - | 2 | - | 1 | - |
| Accidents of Childbirth - | 4·4 | 3 | - | - | - | 3 | - | - | - |
| Diseases of Locomotive System - - - | 7·6 | 3 | - | - | 1 | - | 1 | - | 1 |
| Diseases of Integumentary System - - | 5·3 | 6 | 3 | - | - | - | - | 2 | 1 |
| VIOLENT DEATHS‡ (ACCIDENT.) | | | | | | | | | |
| By Railways - - - | 52·2 | 1 | - | - | - | - | 1 | - | - |
| By Vehicles or Horses - | | 5 | - | 1 | - | 1 | - | 2 | 1 |
| In Ships, Boats, Docks, (exclusive of Drowning) - - - | | - | - | - | - | - | - | - | - |
| In Building Operations - | | - | - | - | - | - | - | - | - |
| In Conflagrations - - | | - | - | - | - | - | - | - | - |
| By Burns, Scalds, Explosions - - | | 5 | - | 2 | 1 | 1 | - | - | 1 |
| By Drowning - - - | | 5 | - | 1 | 2 | 2 | - | - | - |
| By Suffocation in Bed - | | 17 | 17 | - | - | - | - | - | - |
| By Poisons or Poisonous Vapours - - | | 2 | - | - | - | 1 | 1 | - | - |
| Other or not stated causes - - - - | | 17 | 5 | 1 | 2 | 4 | 3 | 1 | 1 |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - | 1·3 | 1 | - | - | - | 1 | - | - | - |
| Suicide - - - - | 9·2 | 10 | - | - | - | 6 | 2 | 1 | 1 |
| Execution - - - | - | - | - | - | - | - | - | - | - |
| OTHER CAUSES - - | 47·6 | 41 | 38 | 3 | - | - | - | - | - |

The numbers in this column are the average weekly deaths for the ten years 1888-97, raised by 5·230 per cent. for increase population.

Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder manslaughter or suicide. All such cases are classed under "accident."

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASL SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in ea SUB-DISTRICT during the Week ending Saturday, 28th May, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2569 | 1385 | 339 | 348 | - | 74 | 6 | 27 | 59 | - | 6 | - | 10 | 63 | 154 | 438 |
| WEST DISTRICTS - - - | 778,251 | 410 | 257 | 63 | 65 | - | 13 | 1 | 3 | 9 | - | 2 | - | 3 | 6 | 28 | 82 |
| NORTH DISTRICTS - - - | 1,040,694 | 591 | 305 | 67 | 82 | - | 19 | 4 | 5 | 14 | - | 2 | - | 2 | 17 | 32 | 92 |
| CENTRAL DISTRICTS - - - | 233,635 | 107 | 72 | 11 | 21 | - | 6 | - | 2 | 1 | - | - | - | - | 2 | 3 | 34 |
| EAST DISTRICTS - - - | 716,334 | 477 | 229 | 71 | 55 | - | 5 | - | 5 | 11 | - | - | - | 3 | 8 | 39 | 90 |
| SOUTH DISTRICTS - - - | 1,642,796 | 984 | 494 | 127 | 115 | - | 31 | - | 12 | 24 | - | 2 | - | 1 | 30 | 52 | 112 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | -- | - | 28 | - | 10 | - | - | 1 | - | - | - | - | - | 1 | - | - | 28 |
| WEST DISTRICTS. | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 53 | 26 | 8 | 8 | - | 3 | - | - | - | - | - | - | 1 | - | 2 | 8 |
| St. John Paddington *H* - - G. | 23,510 | 13 | 13 | 4 | 4 | - | 1 | - | - | - | - | - | - | - | 2 | 2 | 4 |
| Kensington Town *Ww* - - W. | 122,164 | 55 | 49 | 11 | 14 | - | 3 | - | - | 1 | - | - | - | - | - | 7 | 15 |
| Brompton *HH*- - - W & C. | 48,301 | 12 | 8 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | 3 |
| St. Peter Hammersmith - - W. | 9,097 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Paul Hammersmith *HH* W. & G. | 35,102 | 71 | 24 | 6 | 8 | - | 1 | - | - | - | - | - | - | - | 1 | 3 | - |
| Fulham *Ww* - - - W. & C. | 113.781 | 87 | 54 | 15 | 10 | - | 1 | 1 | 3 | 4 | - | 1 | - | 1 | 1 | 3 | 20 |
| Chelsea Kensal Town - C. | 21,450 | 16 | 8 | 3 | - | - | 1 | - | - | 2 | - | - | - | - | - | - | - |
| Chelsea North *WHHHHH* - C. | 42,057 | 21 | 17 | 4 | 8 | - | 2 | - | - | - | - | - | - | - | - | 1 | 9 |
| Chelsea South *HH* - - C. | 33,139 | 11 | 14 | 5 | 5 | - | - | - | - | - | - | - | - | - | - | 3 | 3 |
| May Fair *W* - - - - G. | 23,827 | 6 | 15 | 2 | 3 | - | 1 | - | - | - | - | - | - | 1 | 4 | 1 | 10 |
| Belgrave *WHHH* - - - C. | 56,140 | 24 | 15 | 1 | 3 | - | - | - | - | 1 | - | 1 | - | - | 1 | 3 | 7 |
| St. John Westminster *HH* - C. | 31,492 | 18 | 5 | 3 | - | - | - | - | - | 1 | - | - | - | - | - | 2 | - |
| St. Margaret Westminster *H*- C. | 22,097 | 3 | 7 | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | 3 |
| St. James Westminster *WHH* N. & G. | 23,050 | 14 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| NORTH DISTRICTS. | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - W. | 36,595 | 14 | 9 | 1 | 1 | - | - | - | - | - | - | - | - | - | 2 | 3 | 4 |
| Rectory Marylebone *W* G. & W. | 19,798 | 7 | 2 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | 1 |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 21 | 6 | 2 | - | - | 2 | - | - | 1 | - | - | - | - | - | - | - |
| Christchurch Marylebone *H* - W | 32,547 | 16 | 13 | 5 | 1 | - | 6 | - | - | - | - | - | - | 1 | - | 1 | - |
| St. John Marylebone *HHH* W. | 32,611 | 19 | 10 | - | 7 | - | 1 | - | - | - | - | 1 | - | - | - | - | - |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 31 | 26 | 2 | 5 | - | - | 3 | 5 | - | - | - | - | - | - | 1 | 16 |
| Regent's Park Pancras *HH* - W. | 37,341 | 24 | 6 | 2 | 1 | - | 1 | - | - | - | - | - | - | - | 1 | 1 | 2 |
| Tottenham-court *wHHH* - N. & W. | 26,757 | 11 | 13 | 3 | 3 | - | - | - | - | 1 | - | 1 | - | - | 1 | 1 | 8 |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 13 | 8 | 4 | 1 | - | 1 | - | - | 1 | - | - | - | - | - | - | 2 |
| Somers Town *HH* - - - N. | 32,161 | 17 | 12 | 3 | 4 | - | - | - | - | 1 | - | - | - | - | 2 | 2 | 2 |
| Camden Town *WH* - - N. | 16,669 | 14 | 13 | 2 | 3 | - | - | - | - | - | - | - | - | - | 2 | 3 | 9 |
| Kentish Town *WW* - - N. | 98,410 | 61 | 33 | 4 | 10 | - | 1 | - | - | 2 | - | - | - | - | 2 | 2 | 12 |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 47 | 41 | 7 | 13 | - | 1 | - | - | 2 | - | - | - | 1 | - | 3 | 18 |
| Islington South-west H - N. | 107,365 | 71 | 34 | 10 | 8 | - | 4 | - | - | 4 | - | - | - | - | 2 | 4 | - |
| Islington South-east - - N. | 66,549 | 40 | 13 | 4 | 6 | - | - | - | - | - | - | - | - | - | - | 3 | - |
| Highbury *HH* - - - N. | 64,577 | 32 | 5 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Stoke Newington *H* - N. | 33,485 | 25 | 6 | 3 | 2 | - | - | - | - | 1 | - | - | - | - | 1 | 1 | - |
| North Hackney - - E. & N. | 213,044 | 26 | 9 | 1 | 3 | - | 1 | - | - | 1 | - | - | - | - | - | - | - |
| Central Hackney *ww* - E. & N. | | 28 | 8 | 3 | 2 | - | - | 1 | - | - | - | - | - | - | - | - | 1 |
| South-west Hackney *HHH* E. & N. | | 37 | 16 | 3 | 4 | - | 1 | - | - | - | - | - | - | - | 3 | 4 | 7 |
| South-east Hackney *WwH* E.&N. | | 57 | 22 | 5 | 6 | - | - | - | - | - | - | - | - | - | 1 | 3 | 10 |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated there namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers a received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. T Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junct Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River; E. Ea London; and K. the Kent Company.

* See note † on first page of this Return.

BLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH. FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday, 28th May, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Continued Simple Fever. | Diarrhœa. | Violence | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CENTRAL DISTRICTS. | | | | | | | | | | | | | | | | | | |
| . George Bloomsbury - - N. | 16,110 | 3 | 2 | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| . Giles South *WH* - - N. | 12,976 | 9 | 6 | 1 | 2 | - | - | - | - | - | - | - | - | | - | - | 4 | - |
| Giles North *H* - - - N. | 9,151 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| . Martin-in-the-Fields *HH* N. & C. | 13,077 | 5 | 6 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | 3 | - |
| rand *WHH* - - - - N. | 11,839 | 4 | 7 | - | 2 | - | - | - | - | - | - | - | - | - | 1 | 1 | 4 | - |
| *rand Union Workhouse, Edmonton* | †1,037 | - | 6 | - | 5 | - | - | - | - | - | - | - | - | - | - | - | 6 | - |
| olborn *wHHHHHHH* - N. | 31,042 | 11 | 7 | - | - | - | - | - | 2 | 1 | - | - | - | - | · | - | 5 | - |
| . James Clerkenwell - - N. | 15,777 | 5 | 2 | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| nwell Clerkenwell - - N. | 34,356 | 23 | 7 | 2 | 1 | - | 2 | - | - | - | - | - | - | - | - | - | - | - |
| swell-street - - - - N. | 16,069 | 10 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 |
| ty-road *HHHL* - - - N. | 29,897 | 25 | 8 | 2 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | 3 | - |
| hitecross-street - - - N. | 7,595 | 1 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| nsbury - - - - - N. | 4,035 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - |
| olborn Union Workhouse, Mitcham - - - - | †892 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| . Botolph *H* - - N. & E. | 6,870 | 3 | 2 | 1 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| ipplegate - - - - N. | 3,299 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| . Sepulchre *WH* - - - N. | 9,591 | 3 | 12 | 1 | 3 | - | - | - | - | - | - | - | - | - | - | 1 | 7 | - |
| hallows Barking - - - N. | 9,059 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| oad Street *H* - - - N. | 2,892 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ty of London Asylum, Stone - - | †388 | - | 2 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | 2 | - |
| EAST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| oreditch South *Hl* - E. & N. | 17,975 | 9 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| oxton New Town *w* - - N. | 29,575 | 19 | 9 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | 3 | - |
| oxton Old Town - - - N. | 27,645 | 16 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| aggerston *WH* - - N. & E. | 47,163 | 30 | 16 | 7 | 5 | - | - | - | 1 | 1 | - | - | - | - | 1 | 1 | 6 | - |
| ethnal Green North *H* - E. | 49,301 | 37 | 4 | 3 | - | - | - | - | - | - | - | - | - | - | 1 | 4 | - | - |
| ethnal Green South - - E. | 34,194 | 28 | 9 | 3 | 1 | - | - | - | 1 | - | - | - | - | - | - | 1 | - | - |
| ethnal Green East *WHl* - E. | 45,667 | 32 | 24 | 2 | 9 | - | 1 | - | - | 2 | - | - | - | 1 | - | 2 | 13 | - |
| oitalfields - - - E. & N. | 26,681 | 12 | 2 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| ile End New Town *W* - E. | 12,816 | 12 | 16 | 4 | 4 | - | - | - | - | - | - | - | - | - | 1 | 3 | 11 | - |
| hitechapel Church *H* - E. & N. | 25,561 | 10 | 26 | 3 | 5 | - | - | - | 2 | - | - | - | - | - | 1 | 4 | 21 | - |
| oodman's Fields - - - E. | 13,618 | 6 | 4 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| . George's North - - - E. | 39,576 | 23 | 8 | 4 | 1 | - | - | - | - | - | - | - | - | - | 1 | 2 | - | - |
| . John, St. George East *W* E. | 7,930 | 9 | 9 | 2 | 4 | - | - | - | - | 1 | - | - | - | - | - | 1 | 5 | - |
| adwell *H* - - - E. & N. | 10,434 | 4 | 8 | 6 | 1 | - | - | - | - | 1 | - | - | - | - | - | 1 | 5 | - |
| atcliff *W* - - - - E. | 14,954 | 11 | 4 | 2 | - | - | - | - | - | - | - | - | - | 1 | - | 1 | - | - |
| mehouse - - - - - E. | 32,917 | 16 | 8 | - | 1 | - | 3 | - | - | - | - | - | - | - | 1 | 2 | - | - |
| ile End Old Town West *H* E. | 111,060 | 44 | 8 | 4 | 3 | - | - | - | - | - | - | - | - | - | - | 2 | 1 | - |
| ile End Old Town East *WWww* - E. | | 43 | 21 | 9 | 5 | - | 1 | - | - | 3 | - | - | - | - | - | 3 | 8 | - |
| ow *l* - - - - E. | 41,687 | 33 | 9 | 5 | 2 | - | - | - | - | - | - | - | - | 1 | - | - | 1 | - |
| omley *wwwH* - - - E. | 69,821 | 46 | 25 | 6 | 6 | - | - | - | - | 2 | - | - | - | - | 1 | 2 | 13 | - |
| oplar *WW* - - - - E. | 57,759 | 37 | 16 | 7 | 2 | - | - | - | 1 | 1 | - | - | - | - | 1 | 8 | 2 | - |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX MEASLE SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in ea SUB-DISTRICT during the Week ending Saturday, 28th May, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WHL*.&S. | 13,064 | 8 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| St. Saviour Southwark - - S. | 12,301 | 6 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Kent-road - - - - S. & L. | 22,879 | 13 | 3 | – | 1 | – | – | – | – | – | – | – | – | – | 2 | 2 | – | – |
| Borough-road *WH* - S. & L | 16,083 | 9 | 9 | 3 | – | – | – | – | – | 4 | – | – | – | – | – | – | – | 5 |
| London-road *HL* - - L. & S. | 21,316 | 10 | 6 | 2 | 3 | – | – | – | – | – | – | – | – | – | 1 | 2 | 1 | |
| Trinity Newington - - S. & L. | 28,723 | 22 | 7 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | 1 | – | |
| St. Peter Walworth *W* - S. & L. | 62,045 | 40 | 12 | 5 | 2 | – | 1 | – | – | – | – | – | – | – | 2 | 3 | – | |
| St. Mary Newington- - L. & S. | 30,171 | 16 | 8 | 1 | – | – | 1 | – | – | – | – | – | – | – | – | 1 | – | |
| St. Olave *WH* - - - - S. | 11,731 | 12 | 25 | 7 | 1 | – | 1 | – | – | 1 | – | – | – | – | 3 | 4 | 20 | |
| Leather Market *W* - S & L | 32,339 | 25 | 10 | 3 | 2 | – | – | – | – | 2 | – | – | – | – | – | 1 | – | |
| St. James Bermondsey - - S. | 53,136 | 30 | 11 | 6 | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | |
| Rotherhithe *WwH* - S. & K. | 40,379 | 25 | 17 | 7 | – | – | 3 | – | – | – | – | – | – | – | 1 | 1 | 2 | |
| Waterloo-road *HH* - L. & S. | 28,396 | 26 | 6 | 1 | 1 | – | – | – | – | 1 | – | – | – | – | 1 | 2 | 1 | |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 4 | 16 | 3 | – | – | – | – | – | 1 | – | – | – | – | 3 | 3 | 11 | |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 32 | 14 | 3 | 6 | – | – | – | – | 1 | – | – | – | – | 1 | 2 | 4 | |
| Kennington 1st *H* - - S. & L. | 52,486 | 30 | 15 | 5 | 3 | – | – | – | 1 | 1 | – | – | – | – | 2 | 5 | – | |
| Kennington 2nd - - S. & L. | 43,244 | 19 | 16 | 3 | 3 | – | 3 | – | – | 1 | – | – | – | – | 1 | 2 | – | |
| Brixton *w* - - - L. & S. | 81,825 | 43 | 25 | 6 | 7 | – | – | – | 4 | 2 | – | – | – | – | 1 | 2 | 5 | |
| Norwood *WH*- - - - L. | 29,318 | 10 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| East Battersea - - - - S. | 71,730 | 39 | 12 | 5 | 3 | – | 1 | – | 1 | – | – | – | – | – | 2 | 4 | – | |
| West Battersea *WwH* - - S | 93,385 | 54 | 30 | 9 | 7 | – | 1 | – | – | 1 | – | – | – | – | – | 1 | 12 | |
| Clapham *H* - - - - S. | 46,953 | 23 | 12 | 2 | 5 | – | – | – | – | 1 | – | – | – | – | 1 | 2 | – | |
| Wandsworth *WHHL* - - S. | 58,101 | 30 | 24 | 6 | 8 | – | – | – | 1 | 2 | – | – | – | – | 1 | 3 | – | |
| Putney - - - - - S. | 20,566 | 24 | 4 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | |
| Streatham *Wwww* - - - L. | 61,644 | 31 | 10 | 1 | 1 | – | 3 | – | 1 | – | – | – | – | – | – | – | 2 | |
| Dulwich - - - - L. & S. | 7,519 | 4 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Camberwell *Wwll* - S. & L. | 90,286 | 55 | 46 | 4 | 19 | – | 1 | – | – | – | – | 1 | – | – | – | – | 26 | |
| Peckham *WW* - S., L., & K. | 88,242 | 49 | 22 | 5 | 8 | – | 1 | – | – | 3 | – | – | – | – | – | – | 1 | |
| St. George Camberwell - L. & S. | 67,029 | 41 | 11 | 6 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | |
| Deptford North - - - K. | 36,152 | 22 | 5 | 2 | 1 | – | 1 | – | – | – | – | – | – | – | 2 | 2 | – | |
| Deptford Central *w* - - K. | 45,441 | 41 | 17 | 8 | 1 | – | 2 | – | 1 | – | – | – | – | – | 2 | 3 | 2 | |
| Deptford South - - - K. | 33,402 | 18 | 4 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | |
| Greenwich West *H* - - K. | 23,012 | 12 | 5 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – | 1 | |
| Greenwich East *WH* - - K. | 37 767 | 31 | 14 | 2 | 4 | – | – | – | – | – | – | – | – | – | 1 | 1 | 6 | |
| Eltham *wH* - - - - K. | 5,911 | 3 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | |
| Lee *H* - - - - - K. | 24,222 | 5 | 9 | – | 4 | – | – | – | – | – | – | 1 | – | 1 | 1 | 2 | 3 | |
| Lewisham *WwH* - - - K. | 38,139 | 21 | 10 | 2 | 6 | – | – | – | 1 | – | – | – | – | – | – | – | 6 | |
| Sydenham *H* - - - - L. | 37,601 | 27 | 13 | 4 | 2 | – | 7 | – | – | 1 | – | – | – | – | – | – | – | |
| Charlton *wHH* - - K. | 15,928 | 6 | 10 | 3 | 3 | – | – | – | 2 | 1 | – | – | – | – | – | – | 2 | |
| Woolwich Dockyard - - K. | 12,355 | 15 | 6 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 16 | 6 | 4 | 1 | – | – | – | – | – | – | – | – | – | – | 1 | – | |
| Plumstead West *H* - - K. | 16,714 | 10 | 4 | – | 1 | – | – | – | – | 1 | – | – | – | – | – | – | – | |
| Plumstead East *WH* - - K. | 42,538 | 27 | 13 | 1 | 2 | – | 4 | – | – | – | – | – | – | – | 1 | 1 | 2 | |
| Banstead Asylum - - - - | — | – | 3 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 3 | |
| Caterham Asylum - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Cane Hill Asylum - - - - | — | – | 3 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 3 | |
| Hospital Ships and Camp, Dartford | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Darenth Asylum - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Hanwell Asylum - - - - | — | – | 5 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 5 | |
| Colney Hatch Asylum - - - | — | – | 6 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 6 | |
| N.E. Hospital - - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Winchmore Hill Hospital - - | — | – | 1 | – | – | – | – | 1 | – | – | – | – | – | – | – | – | 1 | |
| Leavesden Asylum - - - - | — | – | 6 | – | 4 | – | – | – | – | – | – | – | – | 1 | – | – | 6 | |
| Claybury Asylum - - - - | — | – | 4 | – | – | – | – | – | – | – | – | – | – | – | – | – | 4 | |

LE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 28th May, 1898.

| Lis-on ict d ct ts. | REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years & upwds. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LONDON—OUTER RING - | 368,749 | 1,422,063 | 988 | 368 | 85 | 102 | – | 14 | 1 | 14 | 16 | 1 | 6 | 12 | 19 | 48 | 4 |
| 1 | Carshalton *wHH* - - | 12,228 | 26,108 | 13 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Epsom, *part of** *WwHH* - | 10,423 | 12,508 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Godstone, *part of** *W* - | 2,754 | 1,598 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Croydon *WwHHH* - - | 20,851 | 128,699 | 62 | 22 | 3 | 11 | – | – | – | – | 1 | – | 1 | – | 1 | 5 | – |
| 2 | Mitcham *w* - - - | 11,697 | 23,088 | 14 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Wimbledon *HHH* - - | 3,220 | 25,761 | 11 | 6 | – | 3 | – | – | – | – | 1 | – | – | – | – | – | – |
| 2 | Kingston *W* - - - | 8,071 | 33,566 | 21 | 10 | 1 | 5 | – | – | – | – | 2 | – | – | – | – | 2 | – |
| 3 | Surbiton *H*- - - - | | 11,199 | 7 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 4 | Esher, *part of** *BH* - - | 6,601 | 12,059 | 9 | 9 | 3 | 1 | – | – | – | 2 | – | – | – | – | – | 1 | – |
| 5 | Hampton *HL* - - - | 4,565 | 18,252 | 6 | 1 | 1 | – | – | 1 | – | – | – | – | – | – | – | – | – |
| 1 | Richmond *WH*- - - | 2,160 | 25,389 | 13 | 3 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Mortlake *H* - - - | 2,823 | 16,159 | 15 | 4 | 1 | – | – | 1 | – | – | – | – | – | – | – | – | – |
| 1 | Bromley *HHH* - - - | 9,127 | 23,815 | 15 | 3 | – | 2 | – | – | – | – | – | – | – | 1 | – | – | – |
| 2 | Beckenham *H* - - - | 6,542 | 21,969 | 11 | 5 | – | 3 | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 13 | 4 | 1 | – | – | – | – | – | – | – | – | – | – | 2 | – |
| 1 | Bexley *HHH* - - - | 12,540 | 30,590 | 21 | 11 | 5 | 3 | – | 3 | – | – | 2 | – | – | – | – | – | – |
| 2 | Dartford *WH*, *part of** - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Sunbury *w* - - - | 11,054 | 13,671 | 12 | 4 | 2 | 1 | – | – | – | – | 2 | – | – | – | – | – | – |
| 2 | Staines *WH* - - - | 13,277 | 13,221 | 7 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Hillingdon *WHH* - - | 6,035 | 12,237 | 8 | 6 | 1 | 2 | – | – | – | 1 | – | – | – | – | – | 1 | – |
| 2 | Uxbridge - - - - | 12,757 | 7,253 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Hayes *wH*- - - - | 7,952 | 11,051 | 10 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Isleworth *WHH* - - | 6,967 | 26,004 | 9 | 8 | – | – | – | 1 | – | – | – | – | – | – | – | 4 | – |
| 2 | Twickenham *HH* - - | 2,415 | 16,027 | 12 | 4 | – | 2 | – | 1 | – | – | – | – | – | – | – | – | – |
| 3 | Brentford *HHHH* - - | 4,318 | 37,777 | 19 | 10 | 1 | 3 | – | – | – | – | – | – | – | – | – | 1 | – |
| 4 | Chiswick - - - - | 1,245 | 21,963 | 22 | 6 | – | 1 | – | 1 | – | – | – | – | 1 | – | – | – | – |
| 5 | Acton *wH* - - - - | 6,132 | 30,945 | 28 | 9 | 3 | 3 | – | – | – | – | – | – | – | 1 | 1 | – | 1 |
| 1 | Harrow *HHH* - - - | 13,809 | 15,715 | 11 | 2 | – | 2 | – | – | – | – | – | – | – | – | – | 1 | – |
| 2 | Edgware *HH* - - - | 6,994 | 3,844 | 3 | 3 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Willesden *HHH* - - | 4,383 | 61,265 | 66 | 20 | 7 | 6 | – | 1 | – | 1 | – | – | – | 1 | 1 | 1 | – |
| 4 | Hendon *WH* - - - | 8,382 | 15,843 | 13 | 8 | 2 | 2 | – | 1 | – | – | 1 | – | – | – | – | 2 | – |
| 1 | South Mimms *HH* - - | 21,077 | 6,367 | 2 | 4 | – | 2 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Barnet *WHH* - - - | | 14,152 | 20 | 5 | 1 | 3 | – | – | – | – | – | – | – | – | – | 2 | 1 |
| 3 | Finchley *HHH*- - - | 4,688 | 25,820 | 13 | 6 | – | 2 | – | – | – | – | – | – | – | – | – | 1 | – |
| 1 | Hornsey *HH* - - - | 3,039 | 61,097 | 37 | 6 | – | 2 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Tottenham *HH*- - - | 4,642 | 97,174 | 69 | 30 | 8 | 9 | – | – | – | 3 | 1 | 1 | – | 2 | 4 | 3 | 1 |
| 3 | Edmonton *Www* - - | 7,489 | 36,351 | 29 | 10 | 2 | 2 | – | – | – | – | – | – | – | – | 1 | 4 | – |
| 4 | Enfield *WWHH* - - | 12,602 | 31,536 | 18 | 8 | – | 3 | – | – | – | – | – | – | – | – | – | 1 | – |
| 5 | Waltham Abbey - - - | 11,017 | 6,066 | 5 | 4 | 2 | 1 | – | – | – | – | – | – | – | 1 | 1 | – | – |
| 6 | Cheshunt *H* - - - | 8,480 | 9,620 | 10 | 7 | 1 | 3 | – | 1 | – | – | – | – | – | 1 | 1 | – | – |
| 1 | Hatfield, *part of** *W*- - | 3,306 | 582 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Bushey *H* - - - - | 9,331 | 7,737 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Watford *WH*, *part of** - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Stratford *H* - - - | 4,706 | 38,612 | 26 | 15 | 4 | 3 | – | – | – | 1 | – | – | – | 2 | 2 | 1 | – |
| 2 | Plaistow *WHH*- - - | | 58,030 | 52 | 15 | 4 | 2 | – | 1 | – | 4 | 1 | – | 1 | – | – | 1 | 1 |
| 3 | Canning Town *H* - - | | 54,750 | 39 | 17 | 4 | 2 | – | – | – | – | 1 | – | – | 1 | 2 | – | – |
| 4 | Forest Gate *w* - - - | | 53,511 | 32 | 6 | 1 | 4 | – | – | – | – | – | – | – | – | – | – | – |
| 5 | East Ham *wH*- - - | 3,266 | 32,713 | 36 | 15 | 6 | 1 | – | – | – | – | 2 | – | 1 | – | – | – | – |
| 6 | Leyton *WWWwH* - - | 4,334 | 70,188 | 62 | 26 | 6 | 7 | – | 2 | 1 | – | 1 | – | 1 | – | – | 10 | – |
| 7 | Walthamstow *HHL*- - | 6,501 | 57,330 | 48 | 15 | 8 | – | – | – | – | 1 | 1 | – | – | 1 | 3 | – | – |
| 1 | Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 7 | 4 | 2 | 1 | – | – | – | – | – | – | 1 | 1 | 1 | – | – |
| 2 | Epping *WH*, *part of** - - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Romford, *part of** *WH* - | 6,556 | 4,324 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Ilford - - - - - | 8,493 | 10,913 | 11 | 4 | 2 | 1 | – | – | – | – | – | – | – | – | 1 | – | – |
| 3 | Barking Town, *H* - - | 3,814 | 14,301 | 11 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| | Eastern Fever Hosp. - - | — | — | – | 2 | – | – | – | – | – | 1 | – | – | – | – | – | 2 | – |
| | London Co. Lunatic Asy., Cane Hill. | — | — | – | 3 | – | – | – | – | – | – | – | – | – | – | – | 3 | – |

The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring as follows:—30: 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37: 1, the parishes of Warlingham Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in field sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for ctious Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford; and 187: 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 28th May, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | ANNUAL RATE of MORTALITY per 1000 living. From All Causes. | From Diseases in Cols. 8-14. | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. |
| GREATER LONDON | **443,421** | **6,408,321** | **14·3** | **1·9** | **1753** | **424** | **450** | – | **88** | **7** | **41** | **75** | **7** | **16** | **75** |
| INNER LONDON - | 74,672 | 4,504,766 | 16·0 | 2·1 | 1385 | 339 | 348 | – | 74 | 6 | 27 | 59 | 6 | 10 | 63 |
| OUTER RING - | 368,749 | 1,903,555 | 10·1 | 1·4 | 368 | 85 | 102 | – | 14 | 1 | 14 | 16 | 1 | 6 | 12 |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

| CITIES | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. (Exclusive of Stillborn) | DEATHS. (Exclusive of Stillborn) | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM PRINCIPAL ZYMOTIC DISEASES. Small-pox. | Measles. | Scarlet Fever. | Diphtheria | Whooping-cough. | Fever. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 295,628 | May 28 | 178 | 111 | 19·6 | – | 7 | 3 | 2 | 4 | 1 |
| GLASGOW - - | 724,349 | " 28 | 529 | 325 | 23·4 | – | 14 | 3 | 2 | 18 | 9 |
| DUBLIN - - | 349,594 | " 28 | 203 | 155 | 23·1 | – | 1 | 1 | 4 | 3 | 3 |
| CALCUTTA - - | 466,460 | April 16 | – | – | – | – | – | – | – | – | – |
| BOMBAY - - | 821,764 | May 3 | 119 | 848 | 53·7 | 3 | 5 | ? | ? | ? | 339† |
| MADRAS - - | 452,518 | April 29 | 350 | 312 | 35·8 | 2 | 13 | ? | ? | ? | 110 |
| PARIS - - - | 2,511,629 | May 21 | 1095 | 927 | 19·3 | – | 33 | – | 5* | 6 | 2 |
| BRUSSELS - - | 531,024 | " 21 | 258 | 183 | 16·8 | – | – | 1 | – | 2 | 3 |
| AMSTERDAM - | 505,326 | " 14 | 310 | 152 | 15·6 | – | – | – | 1 | – | – |
| ROTTERDAM - | 290,004 | " 14 | 236 | 106 | 19·0 | – | 8 | – | 1 | 1 | – |
| THE HAGUE - | 191,529 | " 14 | 97 | 49 | 13·2 | – | – | – | 1 | 3 | – |
| COPENHAGEN - | 340,500 | " 21 | 166 | 151 | 23·1 | – | – | – | 1 | 4 | – |
| STOCKHOLM - | 274,611 | " 14 | 137 | 109 | 20·0 | – | 2 | 3 | 4* | 3 | – |
| CHRISTIANIA - | 192,141 | " 21 | 103 | 74 | 18·9 | – | 2 | 1 | – | 1 | 1 |
| ST. PETERSBURG | 954,400 | " 14 | 589 | 621 | 33·9 | 1 | 5 | 13 | 21 | 2 | 36 |
| MOSCOW - - | 988,610 | " 14 | – | 507 | 26·7 | 3 | 9 | 8 | 10 | 5 | 8 |
| BERLIN - - | 1,753,775 | " 7 | 869 | 581 | 17·5 | – | 4 | 2 | 14 | 14 | – |
| HAMBURG - - | 661,015 | " 21 | – | 278 | 21·9 | – | 18 | 1 | 6* | – | 1 |
| DRESDEN - - | 377,500 | April 20 | – | – | – | – | – | – | – | – | – |
| BRESLAU - - | 392,795 | May 21 | – | 179 | 23·8 | – | 1 | 1 | 3* | 1 | – |
| MUNICH - - | 430,000 | " 21 | – | 224 | 27·1 | – | – | – | 1* | 3 | 2 |
| VIENNA - - | 1,574,129 | " 21 | 1047 | 714 | 23·3 | – | 30 | 8 | 6* | 2 | 2 |
| PRAGUE - - | 377,109 | " 21 | – | – | – | – | – | – | – | – | – |
| BUDA-PESTH - | 648,104 | " 14 | 471 | 269 | 21·6 | – | 3 | 2 | 3 | – | 2 |
| TRIESTE - - | 164,491 | " 14 | 94 | 62 | 20·0 | – | – | – | 1* | – | – |
| ROME - - - | 489,965 | April 23 | 202 | 146 | 15·5 | – | 1 | 1 | 2 | – | – |
| TURIN (10 days) | 344,203 | " 10 | – | – | – | – | – | – | – | – | – |
| VENICE - - | 167,074 | May 14 | 77 | 57 | 17·8 | – | – | – | – | – | 1 |
| CAIRO - - | 570,062 | February 25 | 439 | 279 | 25·4 | – | – | – | 1* | 2 | 5 |
| ALEXANDRIA - | 319,766 | " 25 | 270 | 174 | 28·3 | 9 | – | – | – | – | 5 |
| NEW YORK (including BROOKLYN) | 3,438,899 | May 7 | 1498 | 1218 | 18·5 | – | 20 | 19 | 35 | 18 | 6 |
| PHILADELPHIA - | 1,240,266 | " 14 | – | 430 | 18·1 | – | 5 | 6 | 18 | 2 | – |

* Including deaths from croup.
† Including 263 deaths from bubonic fever.
‡ Including 3 deaths from cholera.

| 1898. Month and Day. | Phases of the Moon. | Mean daily reading (corrected and reduced to 32° Fahrenheit). | Of the Air. High-est. | Low-est | Daily Range. | Mean daily value. | Departure from Average of 50 years. | Of the Dew point. Mean daily value. | the Air Temperature and Dew Point Temperature. Mean daily value. | Great-est. | Least. | Degree of Humidity (Saturation equals 100). | Of Radiation. Highest in Sun's Rays. | Lowest on the Grass. | Of the Earth 3 feet below the Surface. | Osler's. General Direction. A.M. | P.M. | Pressure on the Square Foot. Great-est. | Least. | Mean of 24 hourly obs. | Robinson's. Horizontal Movement of the Air on each Day. | Departure from Average of 16 Years. | collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| May | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| Sunday - 22 | Greatest Dec. N. | 29·609 | 69·0 | 46·1 | 22·9 | 55·8 | + 0·8 | 50·9 | 4·9 | 14·4 | 0·8 | 84 | 123·7 | 42·3 | 50·30 | SE., ESE. & E. | E., Variable & ENE. | 3·0 | 0·0 | 0·1 | 183 | − 65 | 0·01 | 0·0 |
| Monday - 23 | Apogee | 29·559 | 75·0 | 46·9 | 28·1 | 61·5 | + 6·2 | 52·9 | 8·6 | 18·5 | 0·6 | 73 | 135·0 | 43·8 | 50·72 | NE. & ENE. | ESE. & E. | 3·2 | 0·0 | 0·2 | 186 | − 62 | 0·00 | 0·8 |
| Tuesday - 24 | .. | 29·646 | 67·9 | 51·6 | 16·3 | 58·0 | + 2·4 | 52·1 | 5·9 | 13·0 | 0·0 | 81 | 133·2 | 49·1 | 51·77 | E. & ENE. | ESE. | 2·0 | 0·0 | 0·2 | 248 | + 1 | 0·35 | 2·2 |
| Wednesday 25 | .. | 29·607 | 60·0 | 46·8 | 13·2 | 51·6 | − 4·1 | 46·5 | 5·1 | 11·4 | 0·2 | 83 | 102·0 | 46·4 | 52·29 | NNE. & NE. | N., NNE. & NE. | 1·2 | 0·0 | 0·1 | 195 | − 52 | 0·00 | 0·0 |
| Thursday- 26 | .. | 29·651 | 56·8 | 44·2 | 12·6 | 49·9 | − 6·0 | 41·7 | 8·2 | 14·4 | 2·5 | 73 | 96·3 | 41·8 | 52·74 | NE., NNE. & N. | N., SW. & WSW. | 0·1 | 0·0 | 0·0 | 129 | −118 | 0·00 | 0·0 |
| Friday - 27 | .. | 29·810 | 64·9 | 45·1 | 19·8 | 54·2 | − 1·8 | 42·5 | 11·7 | 18·4 | 1·5 | 65 | 120·1 | 44·0 | 52·81 | SW., E. & ENE. | SE. & SSE. | 0·8 | 0·0 | 0·0 | 142 | −105 | 0·00 | 0·0 |
| Aturday- 28 | First Qr. | 29·901 | 60·3 | 46·1 | 14·2 | 52·2 | − 3·8 | 43·1 | 9·1 | 13·5 | 1·7 | 71 | 98·7 | 43·3 | 52·70 | W., S. & N. | N. & NNE. | 1·5 | 0·0 | 0·1 | 167 | − 79 | 0·04 | 0·2 |
| Means - - | | 29·683 | 64·8 | 46·7 | 18·2 | 54·7 | − 0·9 | 47·1 | 7·6 | 14·8 | 1·0 | 76 | 115·6 | 44·4 | 51·90 | NE. & E. | | .. | .. | .. | Sum 1250 | Sum −480 | Sum 0·40 | 0·5 |
| No. of Column - | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| Date. May | | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | General Remarks. |
|---|---|---|---|---|---|
| Sunday - | 22 | w. P. generally - | 7·7 | 15·8 | Very fine generally. Cloudy in forenoon with sharp shower at 11h. A.M. |
| Monday - | 23 | w. P. till 3h. P.M.; v. P. and v. N. till 7h. P.M.; w. P. afterwards. | 10·6 | 15·9 | Very fine and warm till 3h. P.M.; cloudy with occasional showers afterwards. Thunder in afternoon. |
| Tuesday - | 24 | w. P. till 6h. A.M.; v. P. and v. N. till 8h. A.M.; w. P. afterwards. | 7·7 | 16·0 | Overcast with heavy rain in morning; very fine till night; overcast after 10h. P.M. |
| Wednesday | 25 | w. P. till 7h. A.M.; m. P. generally afterwards. | 0·9 | 16·0 | Generally overcast. |
| Thursday- | 26 | m. P. till 2h. A.M.; w. P. till 9h. A.M.; m. P. generally afterwards. | 0·9 | 16·0 | Generally overcast till 5h. P.M.; fine and partially cloudy till 10h. P.M.; overcast afterwards. |
| Friday - | 27 | m. P. till 4h. A.M.; w. P. afterwards. | 5·8 | 16·1 | Cloudy in morning; fine with variable amounts of cloud till afternoon; cloudy afterwards. |
| Saturday- | 28 | v. P. and v. N. till 8h. A.M.; m. P. till 8h. P.M.; s. P. afterwards. | 3·4 | 16·1 | Cloudy and showery in morning; fine with large amounts of cloud afterwards. |
| | | | Sum 37·0 | Sum 111·9 | |
| No. of Col. - | - | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890; and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased from 29·67 in. at the beginning of the week to 29·54 in. by 3h. P.M. on the 23rd; increased to 29·68 in. by 10h. P.M. on the 24th; decreased to 29·57 in. by 4h. P.M. on the 25th; and increased to 29·96 in. by the end of the week.

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1898.

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# WEEKLY RETURN
OF
# BIRTHS AND DEATHS IN LONDON
AND IN
## THIRTY-TWO OTHER GREAT TOWNS

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No. 22. 1898. VOL. LIX.] WEEK ENDING SATURDAY, JUNE 4. [Price 1½*d.*

*General Register Office, Somerset House,*
*June 6th*, 1898.

### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 16·8 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS. | Weeks ending | | | | TOWNS. | Weeks ending | | | |
|---|---|---|---|---|---|---|---|---|---|
| | May 14. | May 21. | May 28. | June 4. | | May 14. | May 21. | May 28. | June 4. |
| **33 Great Towns** | 16·6 | 16·4 | 16·5 | 16·8 | Leicester - - | 15·5 | 15·2 | 13·0 | 12·2 |
| Birkenhead - | 14·3 | 14·7 | 14·7 | 16·6 | Liverpool - - | 22·6 | 22·6 | 22·5 | 22·7 |
| Birmingham - | 17·6 | 16·7 | 17·6 | 18·3 | London - - - | 15·7 | 15·7 | 16·0 | 16·1 |
| Blackburn - | 11·7 | 16·4 | 14·5 | 12·5 | Manchester - - | 21·8 | 19·5 | 21·9 | 20·3 |
| Bolton - - | 22·1 | 21·3 | 18·3 | 10·6 | Newcastle-on-Tyne | 15·9 | 23·6 | 22·2 | 24·3 |
| Bradford - | 16·5 | 15·2 | 16·3 | 14·7 | Norwich - - | 17·7 | 17·7 | 13·1 | 19·1 |
| Brighton - | 10·2 | 10·7 | 11·1 | 11·1 | Nottingham - - | 15·5 | 12·8 | 15·2 | 16·6 |
| Bristol - | 11·8 | 15·8 | 12·3 | 15·5 | Oldham - - | 19·7 | 15·1 | 17·6 | 15·1 |
| Burnley - | 18·1 | 12·4 | 15·7 | 11·9 | Plymouth - - | 20·0 | 15·8 | 15·8 | 17·9 |
| Cardiff - - | 11·7 | 8·8 | 13·5 | 15·5 | Portsmouth - - | 16·8 | 8·9 | 12·9 | 15·9 |
| Croydon - | 14·7 | 9·2 | 8·0 | 11·3 | Preston - - | 12·5 | 15·2 | 15·7 | 17·9 |
| Derby - - | 18·9 | 14·4 | 14·4 | 9·9 | Salford - - - | 16·9 | 21·3 | 16·9 | 18·9 |
| Gateshead - | 17·1 | 16·6 | 22·1 | 23·1 | Sheffield - - | 18·9 | 17·8 | 16·2 | 16·8 |
| Halifax - | 22·1 | 13·5 | 29·1 | 18·3 | Sunderland - - | 16·7 | 24·3 | 26·8 | 24·6 |
| Huddersfield- | 15·8 | 15·8 | 15·3 | 14·3 | Swansea - - | 18·4 | 16·4 | 11·8 | 14·3 |
| Hull - - | 17·0 | 13·2 | 15·2 | 13·4 | West Ham - - | 10·0 | 9·8 | 10·4 | 11·5 |
| Leeds - - | 18·6 | 20·8 | 17·1 | 19·5 | Wolverhampton - | 17·2 | 23·7 | 10·1 | 19·0 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·0 in Manchester, 1·1 in Halifax, 1·6 in Bradford, and 2·3 in Newcastle-on-Tyne; and from *whooping-cough*, 1·1 in Bradford, 1·2 in Newcastle-on-Tyne, and 1·3 in Sheffield. In no case did the death-rate from *scarlet fever*, "*fever*," or *diarrhœa* reach 1·0 per 1000 in any of the thirty-three towns. The 54 deaths from *diphtheria* included 30 in London, 4 in Liverpool, and 2 each in West Ham, Portsmouth, Cardiff, Birkenhead, Burnley, Leeds, and Gateshead. No death from *small-pox* was registered in any of the thirty-three towns.

### LONDON.

In LONDON† 2199 BIRTHS and 1392 DEATHS were registered. Allowing for increase of population, the births were 391, and the deaths 120, below the average numbers in the corresponding weeks of the last ten

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

years. The annual death-rate per 1000 from all causes, which had been 15·7, 15·7, and 16·0 in the preceding three weeks, further rose last week to 16·1. During the four weeks ending on Saturday last the death-rate averaged 15·9 per 1000, being 2·3 per 1000 below the mean rate in the corresponding periods of the ten years 1888–97.

The 1392 deaths included 68 from measles, 17 from scarlet fever, 30 from diphtheria, 45 from whooping-cough, 3 from enteric fever, 17 from diarrhœa and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 180 deaths were referred to these diseases, being 17 below the corrected average weekly number.

The deaths from *measles*, which had been 76, 82, and 74 in the preceding three weeks, further fell last week to 68, which is also the corrected average; 6 cases belonged to Kensington, 6 to Islington, 6 to Hackney, and 6 to Wandsworth sanitary areas. The deaths from *scarlet fever*, which had been 11, 16, and 6 in the preceding three weeks, rose again last week to 17, the corrected average being 16; 4 cases belonged to St. Pancras, 2 to Fulham, 2 to Lambeth, and 2 to Battersea sanitary areas. The deaths from *diphtheria*, which had been 20, 31, and 27 in the preceding three weeks, rose again last week to 30, but were 5 below the corrected average; 5 cases belonged to Hackney, 3 to Islington, 3 to Bethnal Green, and 3 to Camberwell sanitary areas. The deaths from *whooping-cough*, which had been 48, 47, and 59 in the preceding three weeks, fell again last week to 45, and were 6 below the corrected average; 5 cases belonged to Greenwich, 5 to Lambeth, and 4 to Islington sanitary areas. The fatal cases of *enteric fever*, which had been 7, 1, and 6 in the preceding three weeks, fell to 3 last week, the corrected average being 8. The deaths from *diarrhœa*, which had been 8, 16, and 10 in the preceding three weeks, rose again last week to 17, which is also the corrected average. The deaths referred to diseases of the respiratory organs, which had been 232, 177, and 216 in the preceding three weeks, further rose last week to 226, but were 49 below the corrected average. The deaths attributed directly to *influenza* numbered 13, having been 15, 10, and 16 in the preceding three weeks.

Different forms of violence caused 77 deaths, concerning all but 1 of which inquests were held. Of these 77 deaths, 7 were cases of suicide and 10 of homicide, while the remaining 60 were attributed to accident or negligence. Nine of these were referred to vehicles in the streets, 6 to drowning, and 14 (including 13 of infants under one year of age) to suffocation in bed.

## Cases of Infectious Sickness in Hospitals.*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 1 case of small-pox, 2207 cases of scarlet fever, 973 of diphtheria, 1 of typhus, and 55 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 220 cases, against 229, 223, and 256; of diphtheria, 147 cases, against 131, 130, and 144; and of enteric fever, 14 cases, against 11, 8, and 10.

## Greater London.

In Greater London 3081 births and 1789 deaths were registered, corresponding to annual rates of 25·1 and 14·6 per 1000 of the estimated population. In the Outer Ring 10 deaths from measles, 3 from scarlet fever, 10 from diphtheria, 13 from whooping-cough, 3 from "fever," and 5 from diarrhœa were registered. Three deaths from diphtheria occurred in Edmonton district, 2 in West Ham district, and 2 in Croydon district; and 2 deaths from scarlet fever occurred in Hendon district.

## Meteorology.

The mean reading of the Barometer last week at Greenwich was 29·66 inches, and that of the Thermometer 51°·9, the latter being 5°·4 below the week's average in the 50 years 1841–90. The direction of the wind was westerly, the horizontal movement of the air being 29 per cent. above the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 26·4 hours; the measured rainfall amounted to 0·61 of an inch.

* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | 4th June 1898. Births. | 4th June 1898. Deaths. | Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6-12. | Highest. Fahrenheit. | Lowest. Fahrenheit. | Mean. Fahrenheit. | Mean. Centigrade. | Rainfall. In Inches. | Rainfall. In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18 | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| **33 Towns** - | **11,218,378** | **5417** | **3611** | **787** | **933** | **–** | **136** | **32** | **54** | **110** | **13** | **44** | **162** | **311** | **822** | **47** | **16·8** | **1·8** | **66·0** | **35·0** | **50·0** | **10·00** | **0·65** | **1·65** | **33 Towns.** |
| London - - | 4,504,766 | 2199 | 1392 | 259 | 360 | – | 68 | 17 | 30 | 45 | 3 | 17 | 77 | 150 | 451 | 10 | 16·1 | 2·1 | 65·6 | 40·0 | 51·9 | 11·06 | 0·61 | 1·55 | London. |
| West Ham - - | 286,654 | 164 | 63 | 16 | 15 | – | – | – | 2 | 1 | 1 | 1 | 3 | 7 | 6 | 1 | 11·5 | 0·9 | – | – | – | – | – | – | West Ham. |
| Croydon - - | 124,421 | 58 | 27 | 5 | 10 | – | – | – | 1 | 1 | – | 2 | 1 | 4 | 4 | – | 11·3 | 1·7 | 66·0 | 37·5 | 50·7 | 10·39 | 0·66 | 1·68 | Croydon. |
| Brighton - - | 122,310 | 56 | 26 | 6 | 10 | – | – | – | 1 | – | – | – | 1 | 2 | 4 | – | 11·1 | 0·4 | 64·0 | 42·8 | 52·3 | 11·28 | 0·61 | 1·55 | Brighton. |
| Portsmouth - | 186,618 | 54 | 57 | 10 | 18 | – | – | 2 | 2 | 2 | – | – | 2 | 5 | 16 | 1 | 15·9 | 1·7 | 63·0 | 43·0 | 52·2 | 11·22 | 0·08 | 0·20 | Portsmouth. |
| Plymouth - - | 99,136 | 61 | 34 | 6 | 9 | – | 1 | – | – | 1 | – | – | – | 3 | 8 | – | 17·9 | 1·1 | – | – | – | – | – | – | Plymouth. |
| Bristol - - | 316,900 | 149 | 94 | 21 | 17 | – | 5 | – | – | 3 | – | – | 2 | 8 | 21 | – | 15·5 | 1·3 | 59·0 | 42·0 | 49·9 | 9·94 | 0·23 | 0·58 | Bristol. |
| Cardiff - - | 177,770 | 100 | 53 | 11 | 13 | – | 3 | – | 2 | 2 | – | – | 2 | 2 | 6 | – | 15·5 | 2·1 | – | – | – | – | – | – | Cardiff. |
| Swansea - - | 102,001 | 57 | 28 | 10 | 10 | – | – | – | – | – | – | – | 1 | 1 | 4 | 1 | 14·3 | – | – | – | – | – | – | – | Swansea. |
| Wolverhampton | 88,051 | 51 | 32 | 11 | 14 | – | – | – | – | – | – | 1 | – | 2 | 9 | – | 19·0 | 0·6 | 61·5 | 37·2 | 47·9 | 8·83 | 1·18 | 3·00 | Wolverhampton. |
| Birmingham - | 510,343 | 285 | 179 | 49 | 56 | – | 3 | 1 | – | 3 | 1 | 4 | 7 | 9 | 41 | 9 | 18·3 | 1·2 | – | – | – | – | – | – | Birmingham. |
| Norwich - - | 111,699 | 39 | 41 | 4 | 16 | – | – | – | 1 | 1 | – | 1 | – | – | 6 | – | 19·1 | 1·4 | 63·6 | 36·8 | 49·8 | 9·89 | 0·97 | 2·46 | Norwich. |
| Leicester - - | 208,662 | 89 | 49 | 11 | 11 | – | 3 | 2 | – | – | – | – | 3 | 3 | 8 | 2 | 12·2 | 1·2 | – | – | – | – | – | – | Leicester. |
| Nottingham - | 236,137 | 101 | 75 | 12 | 25 | – | 2 | – | – | 2 | – | – | 4 | 6 | 11 | – | 16·6 | 0·9 | 61·3 | 35·0 | 48·0 | 8·89 | 0·35 | 0·89 | Nottingham. |
| Derby - - - | 104,834 | 49 | 20 | 5 | 4 | – | 1 | – | – | 1 | 1 | – | – | 2 | 5 | – | 9·9 | 1·5 | – | – | – | – | – | – | Derby. |
| Birkenhead - | 113,189 | 54 | 36 | 9 | 7 | – | – | – | 2 | – | – | – | 2 | 5 | 7 | – | 16·6 | 0·9 | – | – | – | – | – | – | Birkenhead. |
| Liverpool - - | 633,645 | 405 | 276 | 56 | 66 | – | 10 | 2 | 4 | 6 | 4 | 4 | 11 | 17 | 63 | 11 | 22·7 | 2·5 | 58·8 | 41·0 | 49·1 | 9·50 | 1·21 | 3·07 | Liverpool. |
| Bolton - - | 122,495 | 56 | 25 | 6 | 9 | – | – | – | – | – | – | – | 1 | 1 | 2 | 1 | 10·6 | – | – | – | – | – | – | – | Bolton. |
| Manchester - | 539,079 | 194 | 210 | 50 | 52 | – | 10 | – | – | 7 | 1 | 5 | 9 | 17 | 39 | 1 | 20·3 | 2·2 | – | – | – | – | – | – | Manchester. |
| Salford - - | 215,702 | 74 | 78 | 18 | 15 | – | 1 | 1 | 1 | 3 | – | – | – | 2 | 8 | 2 | 18·9 | 1·5 | – | – | – | – | – | – | Salford. |
| Oldham - - | 148,288 | 55 | 43 | 5 | 17 | – | 2 | – | – | 1 | – | 2 | – | – | 7 | – | 15·1 | 1·8 | – | – | – | – | – | – | Oldham. |
| Burnley - - | 109,546 | 47 | 25 | 5 | 8 | – | – | – | 2 | – | – | – | – | 1 | 3 | – | 11·9 | 1·0 | – | – | – | – | – | – | Burnley. |
| Blackburn - - | 133,228 | 60 | 32 | 9 | 7 | – | – | – | – | – | – | – | 2 | 3 | 2 | – | 12·5 | – | – | – | – | – | – | – | Blackburn. |
| Preston - - | 116,356 | 43 | 40 | 8 | 8 | – | – | – | – | – | – | 1 | 4 | 4 | 6 | – | 17·9 | 0·4 | – | – | – | – | – | – | Preston. |
| Huddersfield - | 102,454 | 29 | 28 | 5 | 7 | – | – | – | 1 | – | – | – | 3 | 5 | 3 | 2 | 14·3 | 0·5 | 58·5 | 37·2 | 47·3 | 8·50 | 0·75 | 1·90 | Huddersfield. |
| Halifax - - | 96,729 | 35 | 34 | 6 | 8 | – | 2 | – | – | – | 1 | 1 | 2 | 3 | 5 | 1 | 18·3 | 2·2 | – | – | – | – | – | – | Halifax. |
| Bradford - - | 233,737 | 73 | 66 | 20 | 13 | – | 7 | – | – | 5 | 1 | – | 2 | 4 | 7 | 2 | 14·7 | 2·9 | 66·0 | 39·4 | 50·7 | 10·39 | 0·51 | 1·30 | Bradford. |
| Leeds - - - | 416,618 | 230 | 156 | 41 | 42 | – | 4 | 2 | 2 | 7 | – | 1 | 12 | 22 | 21 | – | 19·5 | 2·0 | – | – | – | – | – | – | Leeds. |
| Sheffield - - | 356,478 | 206 | 115 | 35 | 24 | – | 2 | 2 | – | 9 | – | – | 2 | 5 | 13 | 1 | 16·8 | 1·9 | – | – | – | – | – | – | Sheffield. |
| Hull - - - | 229,887 | 122 | 59 | 16 | 19 | – | 2 | 1 | 1 | 3 | – | – | 3 | 6 | 9 | 1 | 13·4 | 1·6 | – | – | – | – | – | – | Hull. |
| Sunderland - | 143,849 | 78 | 68 | 23 | 10 | – | – | – | – | 1 | – | 1 | 2 | 3 | 8 | – | 24·6 | 0·7 | – | – | – | – | – | – | Sunderland. |
| Gateshead - - | 103,775 | 51 | 46 | 14 | 11 | – | – | 1 | 2 | 1 | – | – | – | 1 | 4 | – | 23·1 | 2·0 | – | – | – | – | – | – | Gateshead. |
| Newcastle - | 223,021 | 93 | 104 | 25 | 22 | – | 10 | 1 | – | 5 | – | 3 | 4 | 8 | 15 | 1 | 24·3 | 4·4 | – | – | – | – | – | – | Newcastle. |

* See note * on first page of this return.

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the TWENTY-SECOND Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2491 | 2405 | 2091 | 2553 | 2563 | 2643 | 2374 | 2569 | 2326 | 2596 | 2589·8 | 2199 |
| Males | 1275 | 1214 | 1054 | 1325 | 1291 | 1346 | 1245 | 1336 | 1207 | 1341 | 1329·5 | 1140 |
| Females | 1216 | 1191 | 1037 | 1228 | 1272 | 1297 | 1129 | 1233 | 1119 | 1255 | 1260·3 | 1059 |
| TOTAL **Deaths** | 1323 | 1151 | 1411 | 2189 | 1419 | 1455 | 1366 | 1308 | 1430 | 1320 | 1512·4 | 1392 |
| Males | 697 | 607 | 770 | 1097 | 735 | 785 | 706 | 669 | 671 | 722 | 784·9 | 756 |
| Females | 626 | 544 | 641 | 1092 | 684 | 670 | 660 | 639 | 759 | 598 | 727·5 | 636 |

* The numbers in this column are the average weekly numbers in the twenty-second week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | Mar. 12. | Mar. 19. | Mar. 26. | Apr. 2. | Apr. 9. | Apr. 16. | Apr. 23. | Apr. 30. | May 7. | May 14. | May 21. | May 28. | June 4. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2736 | 2570 | 2218 | 2860 | 2415 | 2623 | 2769 | 2522 | 2449 | 2425 | 2285 | 2569 | 2199 |
| TOTAL **Deaths** | 1854 | 1869 | 1731 | 1883 | 1691 | 1648 | 1546 | 1485 | 1464 | 1356 | 1360 | 1385 | 1392 |
| Ages at Death: Under 1 year | 381 | 367 | 331 | 386 | 368 | 377 | 336 | 346 | 297 | 288 | 322 | 339 | 259 |
| 1—5 years | 340 | 311 | 358 | 338 | 295 | 285 | 283 | 265 | 272 | 206 | 215 | 202 | 225 |
| 5—20 " | 97 | 83 | 98 | 84 | 86 | 76 | 88 | 80 | 60 | 71 | 86 | 83 | 94 |
| 20—40 " | 202 | 206 | 202 | 198 | 195 | 186 | 194 | 181 | 198 | 200 | 176 | 167 | 173 |
| 40—60 " | 340 | 360 | 314 | 344 | 309 | 290 | 300 | 283 | 276 | 268 | 271 | 246 | 281 |
| 60—80 " | 383 | 425 | 344 | 424 | 364 | 362 | 272 | 274 | 303 | 259 | 247 | 293 | 294 |
| 80 years and upwards | 111 | 117 | 84 | 109 | 74 | 72 | 73 | 56 | 52 | 64 | 43 | 55 | 66 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Measles | 141 | 134 | 143 | 115 | 108 | 117 | 131 | 107 | 99 | 76 | 82 | 74 | 68 |
| Scarlet Fever | 8 | 10 | 15 | 22 | 19 | 12 | 10 | 13 | 10 | 11 | 16 | 6 | 17 |
| Diphtheria | 33 | 36 | 53 | 45 | 29 | 34 | 31 | 39 | 27 | 20 | 31 | 27 | 30 |
| Whooping-cough | 59 | 56 | 59 | 63 | 64 | 59 | 53 | 70 | 52 | 48 | 47 | 59 | 45 |
| Typhus | – | – | 1 | 1 | – | – | – | – | – | – | – | – | – |
| Enteric Fever | 7 | 10 | 1 | 7 | 9 | 7 | 5 | 7 | 5 | 7 | 1 | 6 | 3 |
| Simple Continued Fever | – | – | – | – | – | – | 1 | – | – | – | – | – | – |
| Diarrhœa and Dysentery | 9 | 11 | 9 | 9 | 15 | 12 | 10 | 10 | 13 | 8 | 16 | 10 | 17 |
| Cholera | – | – | – | – | – | – | – | – | – | – | – | – | – |
| All the above Diseases | 257 | 257 | 281 | 262 | 244 | 241 | 241 | 246 | 206 | 170 | 193 | 182 | 180 |
| Dis. of Respiratory System | 429 | 430 | 402 | 451 | 372 | 305 | 283 | 274 | 226 | 232 | 177 | 216 | 226 |
| Phthisis | 192 | 184 | 143 | 160 | 146 | 138 | 154 | 153 | 158 | 163 | 159 | 134 | 126 |
| Dis. of Circulatory System | 141 | 136 | 137 | 147 | 140 | 141 | 129 | 131 | 116 | 114 | 141 | 120 | 141 |
| Violence | 68 | 59 | 84 | 53 | 78 | 76 | 54 | 61 | 61 | 58 | 65 | 63 | 77 |
| Inquest Cases | 175 | 157 | 160 | 141 | 137 | 158 | 123 | 142 | 130 | 122 | 108 | 154 | 150 |
| Deaths in Public Institutions | 471 | 543 | 542 | 544 | 529 | 461 | 472 | 447 | 440 | 431 | 449 | 438 | 451 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean | 37°·7 | 45°·7 | 37°·5 | 40°·7 | 49°·3 | 49°·3 | 46°·4 | 48°·3 | 51°·9 | 50°·7 | 49°·0 | 54°·7 | 51°·9 |
| Mean of Highest readings | 43·9 | 52·6 | 44·8 | 48·3 | 59·3 | 57·4 | 56·8 | 57·5 | 59·9 | 59·0 | 56·7 | 64·8 | 61·2 |
| Mean of Lowest readings | 32·3 | 38·6 | 31·5 | 34·4 | 40·6 | 42·2 | 37·6 | 40·4 | 44·8 | 44·7 | 42·8 | 46·7 | 44·6 |
| Humidity of the Air | 76 | 78 | 84 | 79 | 67 | 72 | 73 | 81 | 75 | 76 | 82 | 76 | 76 |
| Rain-fall (in inches) | 0·01 | 0·25 | 0·56 | 0·15 | 0·13 | 0·31 | 0·00 | 0·49 | 0·58 | 0·54 | 0·78 | 0·40 | 0·61 |
| Registered Sunshine (in hours) | 18·0 | 13·3 | 16·5 | 28·9 | 47·8 | 25·8 | 46·4 | 23·9 | 36·6 | 30·8 | 32·2 | 37·0 | 26·4 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox | 1 | 1 | 1 | – | – | – | – | – | – | – | – | – | 1 |
| Scarlet Fever | 2445 | 2419 | 2371 | 2377 | 2421 | 2384 | 2334 | 2302 | 2271 | 2247 | 2241 | 2195 | 2207 |
| Diphtheria | 1027 | 1024 | 1022 | 1009 | 1004 | 962 | 953 | 930 | 942 | 948 | 953 | 923 | 973 |
| Enteric Fever | 84 | 79 | 72 | 64 | 62 | 61 | 67 | 59 | 54 | 57 | 55 | 54 | 55 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton: A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; Arthur Brown. Esq., M.Inst. C.E., and F. Boobbyer Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S. Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-SECOND Week of the Year 1898.

| CAUSES OF DEATH. | Corrected Averages for the 22nd Week of the 10 years 1888-97*. | In the Week ending Saturday, 4th June 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0–1. | 1–5. | 5–20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| CAUSES - - - | 1512·4 | 1392 | 259 | 225 | 94 | 173 | 281 | 294 | 66 |
| Small-pox { Vaccinated† - | 0·2 | - | - | - | - | - | - | - | - |
| Small-pox { Unvaccinated | 1·3 | - | - | - | - | - | - | - | - |
| Small-pox { No Statement | 0·3 | - | - | - | - | - | - | - | - |
| Measles - - - - | 68·1 | 68 | 14 | 50 | 4 | - | - | - | - |
| Scarlet Fever - - - | 15·6 | 17 | 1 | 9 | 6 | 1 | - | - | - |
| Typhus - - - - | 0·3 | - | - | - | - | - | - | - | - |
| Typhoid - - - - | - | - | - | - | - | - | - | - | - |
| Diphtheria - - - | 39·1 | 13 | - | 1 | 3 | 2 | 4 | 2 | 1 |
| Whooping-cough - - | 50·7 | 45 | 15 | 28 | 2 | - | - | - | - |
| Enteric Fever - - | 34·9 | 30 | - | 22 | 7 | - | - | 1 | - |
| Puerperal Fever - - | 0·3 | - | - | - | - | - | - | - | - |
| Other Zymotic Diseases | 8·0 | 3 | - | - | 2 | 1 | - | - | - |
| Cholera and Chol. Diarr. | 0·6 | - | - | - | - | - | - | - | - |
| Diarrhœa, Dysentery - | 16·8 | 17 | 11 | 4 | - | - | - | 1 | 1 |
| Erysipelas - - - | - | - | - | - | - | - | - | - | - |
| Hydrophobia - - - | - | - | - | - | - | - | - | - | - |
| Cholera - - - - | - | - | - | - | - | - | - | - | - |
| Small-pox and Effects of Vaccination - - | 0·2 | - | - | - | - | - | - | - | - |
| Erysipelatous Affections - | 10·3 | 5 | 2 | - | - | - | 2 | - | 1 |
| Erysipelas - - - | 3·6 | 5 | 2 | - | - | - | - | 1 | 2 |
| Pyæmia and Septicæmia | 2·2 | 1 | - | - | - | 1 | - | - | - |
| Puerperal Fever - - | 4·0 | 2 | - | - | 1 | - | 1 | - | - |
| Other Zymotic Diseases | 0·7 | 2 | 1 | - | - | 1 | - | - | - |
| Phthisis - - - - | 0·3 | - | - | - | - | - | - | - | - |
| Diseases of Lungs and other Parts of Thorax - | 0·2 | 1 | - | 1 | - | - | - | - | - |
| Starvation, Want of Breast-milk - - | 1·1 | 1 | 1 | - | - | - | - | - | - |
| Alcoholism - - - | 10·2 | 11 | - | - | - | 5 | 5 | 1 | - |
| Rheumatic Fever, Rheumatism of Heart | 6·6 | 9 | - | - | 7 | 1 | 1 | - | - |
| Rheumatism - - - | 1·9 | 4 | - | - | - | - | - | 4 | - |
| Cancer - - - - | 2·7 | 4 | - | - | - | - | 2 | 2 | - |
| Diabetes - - - - | 4·8 | 7 | 3 | 4 | - | - | - | - | - |
| Brain Disease - - | 66·3 | 95 | - | - | 1 | 9 | 39 | 41 | 5 |
| Disease of Mesenterica - - | 18·7 | 15 | 10 | 3 | - | 1 | - | 1 | - |
| Disease of Circular Meningitis - | 26·4 | 19 | 6 | 9 | 4 | - | - | - | - |
| Heart Disease - - - | 156·7 | 126 | 1 | 5 | 7 | 52 | 55 | 5 | 1 |
| Disease of Lungs, Tuberculosis - | 18·0 | 20 | 2 | 6 | 5 | 5 | 2 | - | - |
| Other Constitutional Diseases - - | 12·8 | 14 | - | - | 3 | 3 | 3 | 5 | - |
| Premature Birth - - | 45·7 | 32 | 32 | - | - | - | - | - | - |
| Atelectasis - - - | 2·0 | 4 | 4 | - | - | - | - | - | - |
| Congenital Malformations - - - | 6·2 | 6 | 5 | 1 | - | - | - | - | - |
| Old Age - - - - | 44·9 | 51 | - | - | - | - | - | 26 | 25 |
| Apoplexy - - - | 37·3 | 34 | - | - | 1 | 1 | 9 | 19 | 4 |
| Epilepsy - - - - | 7·6 | 5 | - | - | 2 | 1 | 2 | - | - |
| Convulsions - - - | 33·0 | 25 | 22 | 2 | 1 | - | - | - | - |
| Other Diseases of Brain and Nervous System | 82·6 | 62 | 7 | 7 | 3 | 6 | 19 | 16 | 4 |
| Diseases of Organs of Special Sense - | 1·9 | 4 | 1 | - | 3 | - | - | - | - |

| CAUSES OF DEATH | Corrected Averages for the 22nd Week of the 10 years 1888-97*. | In the Week ending Saturday, 4th June 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0–1. | 1–5. | 5–20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 128·3 | 141 | 1 | 1 | 5 | 26 | 49 | 54 | 5 |
| Croup - - - - | 3·6 | - | - | - | - | - | - | - | - |
| Bronchitis - - - | 130·6 | 103 | 21 | 21 | 1 | 1 | 11 | 44 | 4 |
| Pneumonia - - - | 112·5 | 95 | 22 | 28 | 3 | 10 | 15 | 15 | 2 |
| Pleurisy - - - - | 6·2 | 6 | 1 | - | 1 | 1 | 3 | - | - |
| Other Diseases of Respiratory System - | 21·7 | 22 | 3 | 6 | 1 | 1 | 4 | 6 | 1 |
| Dentition - - - - | 9·5 | 7 | 6 | 1 | - | - | - | - | - |
| Quinsy, Sore Throat - | 1·6 | - | - | - | - | - | - | - | - |
| Enteritis - - - - | 12·3 | 18 | 10 | 1 | 2 | 4 | - | 1 | - |
| Peritonitis - - - | 6·5 | 8 | - | 1 | 3 | - | 1 | 3 | - |
| Diseases of Liver - - | 24·3 | 24 | 1 | - | - | 3 | 9 | 11 | - |
| Other Diseases of Digestive System | 30·5 | 30 | 3 | 1 | 2 | 4 | 6 | 12 | 2 |
| Diseases of Lymphatic System & of Ductless Glands - - - | 2·2 | 5 | - | - | 2 | 2 | - | 1 | - |
| Diseases of Urinary System - - - | 45·9 | 46 | - | - | 2 | 4 | 21 | 16 | 3 |
| Diseases of Generative System - - - | 6·4 | 4 | - | - | - | 3 | 1 | - | - |
| Accidents of Childbirth - | 4·1 | 4 | - | - | 1 | 3 | - | - | - |
| Diseases of Locomotive System - - - | 5·8 | 3 | 1 | 1 | 1 | - | - | - | - |
| Diseases of Integumentary System - - | 4·3 | 6 | 3 | - | - | 1 | 1 | - | 1 |
| VIOLENT DEATHS ‡ (ACCIDENT.) | | | | | | | | | |
| By Railways - - - | 58·3 | 1 | - | - | - | - | 1 | - | - |
| By Vehicles or Horses - | | 9 | - | 3 | 2 | - | 1 | 1 | 2 |
| In Ships, Boats, Docks. (exclusive of Drowning) - - - | | - | - | - | - | - | - | - | - |
| In Building Operations - | | 1 | - | - | - | - | 1 | - | - |
| In Conflagrations - - | | - | - | - | - | - | - | - | - |
| By Burns, Scalds, Explosions - - | | 5 | 1 | 3 | - | 1 | - | - | - |
| By Drowning - - - | | 6 | 1 | - | 1 | 3 | 1 | - | - |
| By Suffocation in Bed - | | 14 | 13 | - | - | - | 1 | - | - |
| By Poisons or Poisonous Vapours - - | | 1 | - | - | - | - | 1 | - | - |
| Other or not stated causes - - - - | | 23 | 3 | 1 | 4 | 3 | 6 | 4 | 2 |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - | 1·6 | 10 | 1 | - | - | 6 | 3 | - | - |
| Suicide - - - - | 10·5 | 7 | - | - | - | 6 | - | 1 | - |
| Execution - - - | - | - | - | - | - | - | - | - | - |
| OTHER CAUSES - - | 40·6 | 36 | 28 | 5 | 1 | 1 | 1 | - | - |

*The numbers in this column are the average weekly deaths for the ten years 1888–97, raised by 5·230 per cent. for increase of population.

†Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

‡The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder manslaughter or suicide. All such cases are classed under "accident."

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASL SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in ea SUB-DISTRICT during the Week ending Saturday, 4th June, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2199 | 1392 | 259 | 360 | - | 68 | 17 | 30 | 45 | - | 3 | - | 17 | 77 | 150 | 451 |
| WEST DISTRICTS - - - | 778,251 | 314 | 268 | 36 | 90 | - | 11 | 2 | 4 | 6 | - | 1 | - | 3 | 20 | 29 | 93 |
| NORTH DISTRICTS - - - | 1,040,694 | 466 | 284 | 53 | 65 | - | 20 | 5 | 14 | 5 | - | - | - | 2 | 16 | 28 | 82 |
| CENTRAL DISTRICTS - - - | 233,635 | 105 | 76 | 11 | 14 | - | 4 | - | - | 1 | - | - | - | - | 7 | 12 | 35 |
| EAST DISTRICTS - - - | 716,334 | 418 | 246 | 55 | 64 | - | 4 | 1 | 1 | 11 | - | - | - | 8 | 14 | 43 | 97 |
| SOUTH DISTRICTS - - - | 1,642,796 | 896 | 499 | 103 | 120 | - | 28 | 9 | 11 | 22 | - | 2 | - | 4 | 20 | 38 | 120 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | -- | - | 19 | 1 | 7 | - | 1 | - | - | - | - | - | - | - | - | - | 19 |
| WEST DISTRICTS. | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 44 | 26 | 7 | 7 | - | 2 | - | - | - | - | - | - | - | 1 | 2 | 5 |
| St. John Paddington *H* - - G. | 33,510 | 11 | 8 | - | 3 | - | - | - | - | - | - | - | - | - | 1 | 2 | 4 |
| Kensington Town *Ww* - - W. | 122,164 | 53 | 68 | 7 | 20 | - | 6 | - | - | 1 | - | - | - | 2 | 1 | 1 | 25 |
| Brompton *HH*- - - W & C. | 48,301 | 9 | 11 | - | 6 | - | - | - | - | - | - | - | - | - | 1 | 1 | 4 |
| St. Peter Hammersmith - - W. | 9,097 | 7 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Paul Hammersmith *HH* W. & G. | 35,102 | 46 | 29 | 1 | 11 | - | - | - | - | - | - | 1 | - | - | 4 | 4 | 7 |
| Fulham *Ww* - - - W. & C. | 113.781 | 69 | 36 | 6 | 8 | - | 1 | 2 | 3 | 2 | - | - | - | - | 1 | 3 | 15 |
| Chelsea Kensal Town - C. | 21,450 | 13 | 7 | 1 | 2 | - | 1 | - | - | 1 | - | - | - | - | 1 | 1 | - |
| Chelsea North *WHHHHH* - C. | 42,057 | 10 | 13 | 1 | 7 | - | - | - | 1 | - | - | - | - | - | - | 1 | 7 |
| Chelsea South *HH* - - C. | 33,139 | 13 | 6 | 2 | 3 | - | - | - | - | 1 | - | - | - | - | - | - | 1 |
| May Fair *W* - - - - G. | 23,827 | - | 16 | 4 | 10 | - | 1 | - | - | - | - | - | - | 1 | - | 1 | 10 |
| Belgrave *WHHH* - - - C. | 56,140 | 16 | 19 | 4 | 6 | - | - | - | - | - | - | - | - | - | 4 | 5 | 9 |
| St. John Westminster *HH* - C. | 31,492 | 11 | 6 | 1 | 3 | - | - | - | - | 1 | - | - | - | - | - | - | - |
| St. Margaret Westminster *H*- C. | 22,097 | 4 | 16 | - | 2 | - | - | - | - | - | - | - | - | - | 6 | 8 | 9 |
| St. James Westminster *WHH* N. & G. | 23,050 | 7 | 3 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | 1 |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 |
| NORTH DISTRICTS. | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - - W. | 36,595 | 8 | 14 | - | 4 | - | - | - | - | - | - | - | - | - | 1 | 2 | 9 |
| Rectory Marylebone *W* G. & W. | 19,798 | 8 | 3 | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 23 | 5 | 1 | 1 | - | 2 | - | - | - | - | - | - | - | - | 1 | 1 |
| Christchurch Marylebone *H* - W | 32,547 | 12 | 9 | 2 | 2 | - | 1 | - | - | 1 | - | - | - | - | 1 | 1 | - |
| St. John Marylebone *HHH* W. | 32,611 | 8 | 6 | 3 | - | - | - | - | - | - | - | - | - | - | 2 | 2 | - |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 32 | 21 | 4 | 4 | - | - | 4 | 3 | - | - | - | - | 1 | - | - | 11 |
| Regent's Park Pancras *HH* - W. | 37,341 | 14 | 5 | 1 | 3 | - | - | - | - | - | - | - | - | - | 1 | 2 | - |
| Tottenham-court *wHHH* - N. & W. | 26,757 | 7 | 8 | - | 1 | - | - | - | - | - | - | - | - | 1 | - | - | 6 |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 9 | 6 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | 2 |
| Somers Town *HH* - - - N. | 32,161 | 18 | 17 | 6 | 4 | - | 1 | - | - | - | - | - | - | - | 1 | 4 | 2 |
| Camden Town *WH* - - N. | 16,669 | 14 | 10 | 2 | 3 | - | - | - | - | - | - | - | - | - | 1 | 1 | 4 |
| Kentish Town *WW* - - N. | 98,410 | 41 | 23 | 2 | 3 | - | 2 | - | - | - | - | - | - | - | 2 | 3 | 7 |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 35 | 30 | 3 | 11 | - | 1 | - | - | 1 | - | - | - | - | - | 2 | 13 |
| Islington South-west *H* - N. | 107,365 | 56 | 25 | 8 | 4 | - | 4 | - | - | 1 | - | - | - | - | - | - | - |
| Islington South-east - - N. | 66,549 | 33 | 10 | 2 | 1 | - | 1 | - | - | 2 | - | - | - | - | 1 | 1 | - |
| Highbury *HH* - - - N. | 64,577 | 24 | 9 | 3 | 3 | - | - | - | - | - | - | - | - | - | 1 | 1 | - |
| Stoke Newington *H* - N. | 33,485 | 21 | 8 | 1 | 3 | - | - | - | - | - | - | - | - | - | - | 1 | - |
| North Hackney - - E. & N. | 213,044 | 18 | 7 | 2 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | - |
| Central Hackney *ww* - E. & N. | | 26 | 24 | 2 | 3 | - | - | 1 | 11 | - | - | - | - | - | 1 | 1 | 12 |
| South-west Hackney *HHH* E. & N. | | 25 | 21 | 5 | 2 | - | 4 | - | - | - | - | - | - | - | 1 | 2 | 4 |
| South-east Hackney *WwH* E.&N. | | 34 | 23 | 5 | 9 | - | 1 | - | - | - | - | - | - | - | 3 | 4 | 11 |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers ar received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. Th Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junctio Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River; E. Eas London; and K. the Kent Company.

* See note † on first page of this Return.

BLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday, 4th June, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population. 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CENTRAL DISTRICTS. | | | | | | | | | | | | | | | | | | |
| George Bloomsbury - - N. | 16,110 | 3 | 2 | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| Giles South *WH* - - N. | 12,976 | 10 | 8 | 2 | 3 | - | - | - | - | - | - | - | - | - | 1 | 1 | 4 | - |
| Giles North *H* - - - N. | 9,151 | 3 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - |
| Martin-in-the-Fields *HH* N. & C. | 13,077 | - | 11 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | 3 | 7 | - |
| and *WHH* - - - - N. | 11,839 | 2 | 10 | 1 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | 5 | - |
| *and Union Workhouse, Edmonton* | †*1,037* | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| lborn *wHHHHHH* - N. | 31,042 | 10 | 10 | 3 | 2 | - | 1 | - | - | 1 | - | - | - | - | 1 | 1 | 3 | - |
| James Clerkenwell - - N. | 15,777 | 8 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| well Clerkenwell - - N. | 34,356 | 15 | 5 | 1 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| swell-street - - - - N. | 16,069 | 11 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| y-road *HHHL* - - - N. | 29,897 | 30 | 9 | 2 | 3 | - | - | - | - | - | - | - | - | - | - | 1 | 3 | - |
| itecross-street - - - N. | 7,595 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| sbury - - - - - N. | 4,035 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| *lborn Union Workhouse, Hitcham* - - - | †*892* | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Botolph *H* - - N. & E. | 6,870 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| pulegate - - - - N. | 3,299 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Sepulchre *WH* - - - N. | 9,591 | 2 | 13 | 1 | 1 | - | - | - | - | - | - | - | - | - | 3 | 4 | 12 | - |
| hallows Barking - - - N. | 9,059 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - |
| ad Street *H* - - - N. | 2,892 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| *of London Asylum, Stone* - - | †*388* | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| EAST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| reditch South *Hl* - E. & N. | 17,975 | 5 | 3 | - | 1 | - | 1 | - | - | - | - | - | - | - | - | 1 | - | - |
| ton New Town *w* - - N. | 29,575 | 19 | 8 | 3 | 5 | - | - | - | - | - | - | - | - | - | - | 1 | 3 | - |
| ton Old Town - - - N. | 27,645 | 14 | 7 | - | 2 | - | - | 1 | - | - | - | - | - | - | - | 2 | - | - |
| gerston *WH* - - N. & E. | 47,163 | 26 | 19 | 2 | 4 | - | - | - | - | 1 | - | - | - | - | 2 | 4 | 9 | - |
| nal Green North *H* - E. | 49,301 | 23 | 9 | 3 | 1 | - | - | - | - | 2 | - | - | - | - | - | 1 | 1 | - |
| nal Green South - - E. | 34,194 | 18 | 9 | 4 | 3 | - | 1 | - | - | - | - | - | - | - | 1 | 3 | - | - |
| nal Green East *WHl* - E. | 45,667 | 33 | 27 | 4 | 12 | - | 1 | - | - | - | - | - | - | - | - | 2 | 18 | - |
| alfields - - - E. & N. | 26,681 | 15 | 4 | 2 | - | - | - | - | - | - | - | - | - | - | - | 3 | - | - |
| End New Town *W* - E. | 12,816 | 15 | 6 | 1 | 1 | - | - | - | - | 1 | - | - | - | - | 1 | 1 | 4 | - |
| techapel Church *H* - E. & N. | 25,561 | 12 | 36 | 3 | 4 | - | - | - | - | 1 | - | - | - | 1 | 7 | 9 | 30 | - |
| dman's Fields - - - E. | 13,618 | 7 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| George's North - - - E. | 39,576 | 34 | 8 | 3 | 2 | - | 1 | - | - | - | - | - | - | - | 2 | 3 | - | - |
| ohn, St. George East *W* E. | 7,930 | 1 | 5 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | 3 | - |
| dwell *H* - - - E. & N. | 10,434 | 6 | 8 | 5 | 2 | - | - | - | - | - | - | - | - | 2 | - | - | 4 | - |
| cliff *W* - - - - E. | 14,954 | 5 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ehouse - - - - - E. | 32,917 | 16 | 8 | 3 | 1 | - | - | - | - | 1 | - | - | - | 2 | - | 1 | - | - |
| End Old Town West *H* E. | 111,060 | 47 | 10 | 3 | 2 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| End Old Town East *Www* - E. | | 21 | 25 | 5 | 7 | - | - | - | 1 | 2 | - | - | - | 1 | - | 4 | 9 | - |
| *l* - - - - E. | 41,687 | 18 | 12 | 5 | 2 | - | - | - | - | - | - | - | - | 1 | - | 2 | 1 | - |
| nley *wwwH* - - - E. | 69,821 | 41 | 25 | 4 | 8 | - | - | - | - | 1 | - | - | - | - | - | 3 | 13 | - |
| ar *WW* - - - - E. | 57,759 | 42 | 13 | 3 | 5 | - | - | - | - | 2 | - | - | - | 1 | 1 | 1 | 2 | - |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX MEASLES SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in eac SUB-DISTRICT during the Week ending Saturday, 4th June, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WH* L.&S. | 13,064 | 5 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| St. Saviour Southwark - - S. | 12,301 | 9 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Kent-road - - - - S. & L. | 22,879 | 14 | 8 | 5 | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | |
| Borough-road *WH* - S. & L. | 16,083 | 20 | 11 | 3 | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 | 8 | |
| London-road *HL* - - L. & S. | 21,316 | 7 | 5 | – | – | – | – | – | 1 | 1 | – | – | – | – | – | – | – | |
| Trinity Newington - - S. & L. | 28,723 | 25 | 5 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | |
| St. Peter Walworth *W* - S. & L. | 62,045 | 40 | 14 | 5 | 1 | – | 1 | – | – | – | – | – | – | – | – | 4 | 1 | |
| St. Mary Newington- - L. & S. | 30,171 | 23 | 7 | 2 | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | |
| St. Olave *WH* - - - S. | 11,731 | 3 | 13 | 2 | – | – | – | 1 | – | – | – | – | – | – | – | – | 11 | |
| Leather Market *W* - S. & L. | 32,339 | 19 | 3 | 1 | – | – | – | – | – | 1 | – | – | – | 1 | – | – | – | |
| St. James Bermondsey - - S. | 53,136 | 29 | 11 | 2 | 1 | – | 1 | – | – | – | – | – | – | 1 | – | – | – | |
| Rotherhithe *WwH* - S. & K. | 40,379 | 35 | 19 | 5 | 3 | – | 2 | – | 1 | 1 | – | – | – | – | 5 | 5 | 8 | |
| Waterloo-road *HH* - L. & S. | 28,396 | 26 | 11 | 3 | – | – | – | – | 1 | 1 | – | – | – | – | – | – | 1 | |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 7 | 16 | 1 | 2 | – | – | – | – | – | – | – | – | – | 2 | 2 | 13 | |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 32 | 21 | 3 | 9 | – | – | – | – | 1 | – | 1 | – | 1 | – | – | 12 | |
| Kennington 1st *H* - - S. & L. | 52,486 | 42 | 14 | 2 | 2 | – | – | – | 1 | 1 | – | – | – | – | – | 2 | – | |
| Kennington 2nd - - S. & L. | 43,244 | 22 | 6 | 2 | – | – | – | – | – | 1 | – | – | – | – | – | – | – | |
| Brixton *w* - - - L. & S. | 81,825 | 37 | 21 | 6 | 7 | – | 2 | 1 | 1 | 1 | – | – | – | – | 1 | 2 | 3 | |
| Norwood *WH* - - - - L. | 29,318 | 8 | 3 | 1 | – | – | – | – | – | – | – | – | – | 1 | – | – | – | |
| East Battersea - - - - S. | 71,730 | 38 | 20 | 9 | 1 | – | – | – | – | 1 | – | – | – | – | 1 | 4 | – | |
| West Battersea *WwH* - - S | 93,385 | 55 | 28 | 6 | 9 | – | – | – | – | – | – | – | – | – | – | 1 | 6 | |
| Clapham *H* - - - - S. | 46,953 | 14 | 12 | 1 | 3 | – | – | – | – | – | – | – | – | – | – | – | 1 | |
| Wandsworth *WHHL* - - S. | 58,101 | 24 | 18 | 3 | 6 | – | 2 | – | – | 1 | – | – | – | – | – | – | 2 | |
| Putney - - - - - S. | 20,566 | 10 | 4 | – | – | – | 2 | – | – | – | – | – | – | – | – | – | – | |
| Streatham *Wwww* - - - L. | 61,644 | 26 | 19 | 2 | 10 | – | 1 | 2 | 2 | 1 | – | – | – | – | 2 | 2 | 5 | |
| Dulwich - - - - L. & S. | 7,519 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Camberwell *Wwll* - S. & L. | 90,286 | 34 | 35 | 3 | 18 | – | 3 | – | 1 | – | – | – | – | – | – | – | 19 | |
| Peckham *WW* - S., L., & K. | 88,242 | 53 | 25 | 3 | 8 | – | 1 | – | – | 2 | – | – | – | – | 1 | 2 | – | |
| St. George Camberwell - L. & S. | 67,029 | 42 | 16 | 4 | 5 | – | 1 | – | – | 1 | – | 1 | – | – | 1 | 1 | – | |
| Deptford North - - - K. | 36,152 | 24 | 21 | 7 | 5 | – | 3 | – | – | 3 | – | – | – | – | – | 1 | – | |
| Deptford Central *w* - - K. | 45,441 | 26 | 12 | 3 | 1 | – | 1 | 1 | 1 | 1 | – | – | – | – | – | 1 | 2 | |
| Deptford South - - - K. | 33,402 | 5 | 2 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | |
| Greenwich West *H* - - K. | 23,012 | 16 | 7 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | 1 | 1 | |
| Greenwich East *WH* - - K. | 37 767 | 21 | 18 | 1 | 6 | – | – | – | – | 1 | – | – | – | – | 1 | 2 | 11 | |
| Eltham *wH* - - - - K. | 5,911 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Lee *H* - - - - - K. | 24,222 | 6 | 6 | – | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 | 1 | |
| Lewisham *WwH* - - - K. | 38,139 | 18 | 15 | 1 | 2 | – | – | 4 | 2 | – | – | – | – | – | 1 | 1 | 9 | |
| Sydenham *H* - - - - L. | 37,601 | 13 | 6 | – | 1 | – | 2 | – | – | – | – | – | – | – | – | – | – | |
| Charlton *wHH* - - K. | 15,928 | 17 | 13 | 3 | 2 | – | 2 | – | – | 2 | – | – | – | – | – | 1 | 3 | |
| Woolwich Dockyard - - K. | 19,355 | 7 | 3 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 13 | 7 | 3 | 1 | – | – | – | – | 1 | – | – | – | – | 1 | 1 | – | |
| Plumstead West *H* - - K. | 16,714 | 12 | 2 | – | 1 | – | 1 | – | – | – | – | – | – | – | – | 1 | – | |
| Plumstead East *WH* - - K. | 42,538 | 19 | 17 | 2 | 7 | – | 3 | – | – | – | – | – | – | – | – | – | 3 | |
| Banstead Asylum - - - - | — | – | 4 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 4 | |
| Caterham Asylum - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Cane Hill Asylum - - - - | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | 1 | |
| Hospital Ships and Camp, Dartford | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Darenth Asylum - - - - | — | – | 2 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 2 | |
| Hanwell Asylum - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Colney Hatch Asylum - - - | — | – | 5 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 5 | |
| N.E. Hospital - - - - - | — | – | 1 | – | – | – | 1 | – | – | – | – | – | – | – | – | – | 1 | |
| Winchmore Hill Hospital - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Leavesden Asylum - - - - | — | – | 4 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – | 4 | |
| Claybury Asylum - - - - | — | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | 2 | |

ABLE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 4th June, 1898.

| Registration District and Sub-District Numbers. | REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years & upwds. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LONDON—OUTER RING - | 368,749 | 1,422,063 | 882 | 397 | 110 | 107 | - | 10 | 3 | 10 | 13 | 3 | 5 | 15 | 34 | 50 | 5 |
| 30 : 1 | Carshalton *wHH* - - | 12,228 | 26,108 | 16 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Epsom, *part of** *WwHH* - | 10,423 | 12,508 | 5 | 7 | - | 4 | - | - | - | - | - | - | - | 1 | 1 | 2 | 1 |
| 37 : 1 | Godstone, *part of** *W* - | 2,754 | 1,598 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 38 : 1 | Croydon *WwHHH* - - | 20,851 | 128,699 | 64 | 33 | 6 | 13 | - | - | - | 2 | 1 | - | 2 | 1 | 4 | 7 | - |
| 2 | Mitcham *w* - - - | 11,697 | 23,088 | 18 | 8 | 4 | 2 | - | - | - | - | - | - | - | - | 1 | - | 1 |
| 39 : 1 | Wimbledon *HHH* - - | 3,220 | 25,761 | 30 | 4 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Kingston *W* - - - | 8,071 | 33,566 | 23 | 8 | 1 | 4 | - | - | - | - | - | - | - | - | - | 3 | - |
| 3 | Surbiton *H*- - - - | | 11,199 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| 4 | Esher, *part of** *HH* - - | 6,601 | 12,059 | 5 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 5 | Hampton *HL* - - - | 4,565 | 18,252 | 13 | 7 | 2 | - | - | - | - | - | - | - | - | 1 | 2 | - | - |
| 40 : 1 | Richmond *WH*- - - | 2,160 | 25,389 | 5 | 6 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Mortlake *H* - - - | 2,823 | 16,159 | 7 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 41 : 1 | Bromley *HHH* - - - | 9,127 | 23,815 | 13 | 4 | - | 3 | - | - | - | - | - | - | - | 1 | 1 | 1 | - |
| 2 | Beckenham *H* - - - | 6,542 | 21,969 | 11 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 11 | 6 | 3 | 1 | - | - | - | - | - | - | - | 2 | 2 | 1 | - |
| 42 : 1 | Bexley *HHH* - - - | 12,540 | 30,590 | 23 | 13 | 5 | 2 | - | 2 | - | - | 2 | - | - | - | - | 1 | - |
| 2 | Dartford *WH*, *part of** - | — | — | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | - |
| 24 : 1 | Sunbury *w* - - - | 11,054 | 13,671 | 5 | 2 | - | - | - | - | - | 1 | - | - | - | - | - | - | - |
| 2 | Staines *WH* - - - | 13,277 | 13,221 | 7 | 4 | 1 | - | - | - | - | - | - | - | - | 1 | 1 | - | - |
| 25 : 1 | Hillingdon *WHH* - - | 6,035 | 12,237 | 10 | 7 | 2 | - | - | 1 | 1 | - | - | 1 | - | - | - | 1 | - |
| 2 | Uxbridge - - - - | 12,757 | 7,253 | 2 | 3 | - | 1 | - | - | - | - | - | - | 1 | - | - | - | - |
| 3 | Hayes *wH* - - - - | 7,952 | 11,051 | 5 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 26 : 1 | Isleworth *WHH* - - | 6,967 | 26,004 | 13 | 3 | - | - | - | 1 | - | - | - | - | - | - | 1 | 1 | - |
| 2 | Twickenham *HH* - - | 2,415 | 16,027 | 9 | 6 | 1 | 4 | - | - | - | - | 1 | - | - | - | - | - | - |
| 3 | Brentford *HHHH* - - | 4,318 | 37,777 | 12 | 19 | 8 | 3 | - | - | - | 1 | - | - | - | - | 1 | 1 | 1 |
| 4 | Chiswick - - - - | 1,245 | 21,963 | 6 | 8 | 4 | 2 | - | 1 | - | - | - | - | - | - | 1 | - | - |
| 5 | Acton *wH* - - - - | 6,132 | 30,945 | 15 | 10 | 4 | 2 | - | - | - | - | 1 | - | 1 | - | - | - | - |
| 27 : 1 | Harrow *HHH* - - - | 13,809 | 15,715 | 10 | 3 | 1 | 1 | - | - | - | - | - | - | - | 1 | 1 | 1 | - |
| 2 | Edgware *HH* - - - | 6,994 | 3,844 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Willesden *HHH* - - | 4,383 | 61,265 | 50 | 10 | 5 | 2 | - | 1 | - | - | 1 | - | - | - | - | - | - |
| 4 | Hendon *WH* - - - | 8,382 | 15,843 | 12 | 7 | 2 | 2 | - | - | 2 | - | - | - | - | 1 | 1 | 1 | - |
| 28 : 1 | South Mimms *HH* - - | 21,077 | 6,367 | 3 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Barnet *WHH* - - - | | 14,152 | 4 | 3 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | 1 |
| 3 | Finchley *HHH*- - - | 4,688 | 25,820 | 8 | 5 | 2 | 1 | - | - | - | - | 1 | - | - | 1 | 1 | - | - |
| 29 : 1 | Hornsey *HH* - - - | 3,039 | 61,097 | 37 | 13 | 4 | 4 | - | 1 | - | - | 1 | - | - | 1 | 2 | - | - |
| 2 | Tottenham *HH*- - - | 4,642 | 97,174 | 48 | 25 | 8 | 5 | - | - | - | 2 | 1 | - | - | - | 1 | 2 | - |
| 3 | Edmonton *Www* - - | 7,489 | 36,351 | 24 | 15 | 4 | 6 | - | - | - | 1 | 1 | - | - | 1 | 2 | 5 | - |
| 4 | Enfield *WWHH* - - | 12,602 | 31,536 | 21 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 5 | Waltham Abbey - - - | 11,017 | 6,066 | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 6 | Cheshunt *H* - - - | 8,480 | 9,620 | 8 | 3 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 35 : 1 | Hatfield, *part of** *W*- - | 3,306 | 582 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 37 : 1 | Bushey *H* - - - - | 9,331 | 7,737 | 7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Watford *WH*, *part of** - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 38 : 1 | Stratford *H* - - - | 4,706 | 38,612 | 27 | 12 | 2 | 3 | - | - | - | - | 1 | - | - | 1 | 2 | - | - |
| 2 | Plaistow *WHH*- - - | | 58,030 | 40 | 18 | 3 | 5 | - | - | - | 2 | - | 1 | 1 | 1 | 2 | 1 | - |
| 3 | Canning Town *H* - - | | 54,750 | 56 | 17 | 5 | 4 | - | - | - | - | - | - | - | 1 | 3 | - | - |
| 4 | Forest Gate *wf* - - - | | 53,511 | 41 | 11 | 5 | 2 | - | - | - | - | - | - | - | - | - | - | 1 |
| 5 | East Ham *wH* - - - | 3,266 | 32,713 | 36 | 21 | 6 | 4 | - | 1 | - | - | 2 | - | - | - | - | - | - |
| 6 | Leyton *WWWwH* - - | 4,334 | 70,188 | 33 | 29 | 7 | 10 | - | - | - | - | - | 1 | - | - | 1 | 10 | - |
| 7 | Walthamstow *HHL*- - | 6,501 | 57,330 | 48 | 14 | 5 | 1 | - | 1 | - | - | - | - | - | - | 1 | - | - |
| 37 : 1 | Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 3 | 2 | - | - | - | 1 | - | 1 | - | - | - | - | - | 1 | - |
| 2 | Epping *WH*, *part of** - - | — | — | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | - |
| 39 : 1 | Romford, *part of** *WH* - | 6,556 | 4,324 | 2 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Ilford - - - - - | 8,493 | 10,913 | 13 | 4 | 1 | 1 | - | - | - | - | - | - | - | - | 2 | - | - |
| 3 | Barking Town, *H* - - | 3,814 | 14,301 | 13 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | Middlesex Co. Lunatic Asy., Wandsworth. | — | — | - | 8 | - | 6 | - | - | - | - | - | - | - | - | - | 8 | - |

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring e as follows:—30 : 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37 : 1, the parishes of Warlingham nd Farley in Godstone sub-district; 39 : 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41 : 3, Chislehurst ub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135 : 1, the parish of Northaw in atfield sub-district; 187 : 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping op. 1,079); 189 : 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for fectious Diseases belonging to the Outer Ring in 42 : 2, Dartford; 137 : 2, Watford; and 187 : 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 4th June, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | Annual Rate of Mortality per 1000 living. From All Causes. | Annual Rate of Mortality per 1000 living. From Diseases in Cols. 8-14. | Deaths from All Causes. | The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. | 16. |
| GREATER LONDON | **443,421** | **6,408,321** | **14·6** | **1·8** | **1789** | **369** | **467** | **–** | **78** | **20** | **40** | **58** | **6** | **22** | **92** | **501** |
| INNER LONDON - | 74,672 | 4,504,766 | 16·1 | 2·1 | 1392 | 259 | 360 | – | 68 | 17 | 30 | 45 | 3 | 17 | 77 | 451 |
| OUTER RING - | 368,749 | 1,903,555 | 10·9 | 1·2 | 397 | 110 | 107 | – | 10 | 3 | 10 | 13 | 3 | 5 | 15 | 50 |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent to the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

| CITIES | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of Stillborn | DEATHS. Exclusive of Stillborn | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM PRINCIPAL ZYMOTIC DISEASES. Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœal Diseases. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 295,628 | June 4 | 177 | 135 | 23·8 | – | 5 | 1 | 1 | 3 | 1 | 6 |
| GLASGOW - - | 724,349 | „ 4 | 454 | 322 | 23·2 | – | 19 | 1 | – | 25 | 5 | 7 |
| DUBLIN - - | 349,594 | „ 4 | 242 | 132 | 19·7 | – | – | 1 | – | 5 | 2 | 2 |
| CALCUTTA - - | 466,460 | April 23 | – | – | – | – | – | – | – | – | – | – |
| BOMBAY - - | 821,764 | May 10 | 157 | 696 | 44·0 | 2 | 6 | ? | ? | ? | 215‡ | 37† |
| MADRAS - - | 452,518 | „ 6 | 344 | 340 | 39·0 | 6 | 21 | ? | ? | ? | 120 | 38† |
| PARIS - - - | 2,511,629 | „ 28 | 1086 | 929 | 19·2 | – | 41 | 1 | 3* | 9 | 7 | 55 |
| BRUSSELS - - | 531,024 | „ 28 | 260 | 161 | 15·8 | – | – | – | 1* | 4 | 4 | 25 |
| AMSTERDAM - | 505,326 | „ 21 | 298 | 156 | 16·0 | – | 1 | 1 | 3 | 5 | – | – |
| ROTTERDAM - | 290,004 | „ 21 | 209 | 113 | 20·2 | – | 4 | 1 | – | – | 1 | – |
| THE HAGUE - | 191,529 | „ 21 | 96 | 52 | 14·0 | – | – | – | – | – | – | – |
| COPENHAGEN - | 340,500 | „ 28 | 197 | 137 | 19·5 | – | – | 1 | 1 | 9 | – | 4 |
| STOCKHOLM - | 274,611 | „ 21 | 158 | 101 | 18·5 | – | 1 | 1 | – | 4 | – | 2 |
| CHRISTIANIA - | 192,141 | „ 28 | 156 | 87 | 22·3 | – | 3 | – | – | – | 1 | 6 |
| ST. PETERSBURG | 954,400 | „ 21 | 806 | 596 | 32·6 | 2 | 11 | 11 | 16 | 4 | 16 | 47 |
| MOSCOW - - | 988,610 | „ 21 | – | 482 | 25·4 | 3 | 13 | 9 | 11 | 5 | 4 | 65 |
| BERLIN - - | 1,753,775 | „ 14 | 883 | 518 | 15·3 | 1 | – | 2 | 4 | 8 | 3 | 36 |
| HAMBURG - - | 661,015 | „ 28 | – | 247 | 19·4 | – | 16 | 1 | – | 3 | – | 10 |
| DRESDEN - - | 377,500 | April 28 | – | – | – | – | – | – | – | – | – | – |
| BRESLAU - - | 392,795 | May 28 | – | 222 | 29·5 | – | 3 | – | 5* | 3 | 3 | 35 |
| MUNICH - - | 430,000 | „ 28 | – | 198 | 23·9 | – | 1 | 1 | 2* | 3 | – | 29 |
| VIENNA - - | 1,574,129 | „ 28 | 878 | 681 | 22·3 | – | 36 | 7 | 11* | – | 3 | 65 |
| PRAGUE - - | 377,109 | „ 28 | 193 | 218 | 29·7 | – | 3 | 8 | 2 | – | 4 | 4 |
| BUDA-PESTH - | 648,104 | „ 21 | 501 | 249 | 20·0 | – | 5 | 2 | 2 | 3 | 2 | 15 |
| TRIESTE - - | 164,491 | „ 21 | 86 | 79 | 23·8 | – | 2 | – | – | – | 1 | 4 |
| ROME - - - | 489,965 | April 30 | 184 | 150 | 16·0 | – | 3 | – | – | – | 1 | 4 |
| TURIN (10 days) | 344,203 | „ 10 | – | – | – | – | – | – | – | – | – | – |
| VENICE - - | 167,074 | May 21 | 70 | 65 | 20·3 | – | – | – | – | 2 | 1 | 3 |
| CAIRO - - | 570,062 | March 4 | – | – | – | – | – | – | – | – | – | – |
| ALEXANDRIA - | 319,766 | „ 4 | – | – | – | – | – | – | – | – | – | – |
| NEW YORK (including BROOKLYN) | 3,438,899 | May 14 | 1364 | 1282 | 19·5 | – | 17 | 26 | 37 | 12 | 4 | 20 |
| PHILADELPHIA - | 1,240,266 | „ 21 | – | 383 | 16·1 | – | 2 | 3 | 20 | 2 | 7 | 2 |

* Including deaths from croup.
† Including 2 deaths from cholera in Bombay and 1 in Madras.
‡ Including 138 deaths from bubonic fever.

| 1898. Month and Day. | Phases of the Moon. | Barometer. Mean daily reading (corrected and reduced to 32° Fahrenheit). | Temperature. Of the Air. Highest. | Temperature. Of the Air. Lowest | Temperature. Of the Air. Daily Range. | Temperature. Of the Air. Mean daily value. | Temperature. Of the Air. Departure from Average of 50 years. | Temperature. Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Difference. Greatest. | Difference. Least. | Degree of Humidity (Saturation equals 100). | Temperature. Of Radiation. Highest in Sun's Rays. | Temperature. Of Radiation. Lowest on the Grass. | Temperature. Of the Earth 3 feet below the Surface. | Wind as deduced from Anemometers. Osler's. General Direction. A.M. | Wind. Osler's. General Direction. P.M. | Wind. Osler's. Pressure on the Square Foot. Greatest. | Wind. Osler's. Pressure. Least. | Wind. Osler's. Pressure. Mean of 24 hourly obs. | Wind. Robinson's. Horizontal Movement of the Air on each Day. | Wind. Robinson's. Departure from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| SUNDAY - 29 | In Equator | 29·892 | 61·2 | 46·9 | 14·3 | 53·5 | − 2·7 | 44·5 | 9·0 | 15·6 | 1·4 | 72 | 83·8 | 42·0 | 52·73 | NNE. & NNW. | NW, WNW. & WSW. | 1·2 | 0·0 | 0·1 | 214 | − 32 | 0·02 | 0·8 |
| MONDAY - 30 | .. | 29·707 | 59·9 | 49·3 | 10·6 | 54·1 | − 2·4 | 46·0 | 8·1 | 14·6 | 1·8 | 74 | 115·0 | 48·3 | 52·78 | WSW. & NNW. | NW., W. & WSW. | 3·4 | 0·0 | 0·3 | 332 | + 87 | 0·17 | 0·0 |
| TUESDAY - 31 | .. | 29·378 | 62·0 | 41·7 | 20·3 | 50·1 | − 6·7 | 45·8 | 4·3 | 14·1 | 1·2 | 85 | 104·0 | 39·0 | 52·78 | W. & WSW. | WSW., W. & WNW. | 12·5 | 0·0 | 0·7 | 412 | +167 | 0·17 | 0·2 |
| JUNE WEDNESDAY 1 | .. | 29·454 | 57·8 | 40·0 | 17·8 | 47·5 | − 9·7 | 43·5 | 4·0 | 12·7 | 3·1 | 86 | 109·5 | 37·0 | 52·76 | WSW., WNW. & W. | W. & WSW. | 9·6 | 0·0 | 0·7 | 427 | +183 | 0·23 | 1·3 |
| THURSDAY - 2 | .. | 29·591 | 59·1 | 44·8 | 14·3 | 50·0 | − 7·7 | 42·6 | 7·4 | 14·1 | 3·3 | 76 | 112·2 | 42·1 | 52·48 | WSW. & SW. | N., NNE. & WNW. | 2·4 | 0·0 | 0·2 | 245 | + 1 | 0·02 | 1·5 |
| FRIDAY - 3 | .. | 29·818 | 65·6 | 42·2 | 23·4 | 54·0 | − 4·0 | 42·7 | 11·3 | 21·1 | 1·3 | 66 | 123·8 | 39·0 | 52·33 | WSW. & SW. | WSW. & SW. | 5·3 | 0·0 | 0·4 | 313 | + 68 | 0·00 | 0·8 |
| SATURDAY - 4 | Full, Gr. Dec. S. | 29·770 | 63·0 | 47·0 | 16·0 | 53·9 | − 4·3 | 46·6 | 7·3 | 15·4 | 0·4 | 76 | 112·8 | 45·0 | 52·23 | SW. | SW., SSW. & S. | 2·8 | 0·0 | — | 268 | + 22 | 0·00 | 2·2 |
| MEANS - - | | 29·659 | 61·2 | 44·6 | 16·7 | 51·9 | − 5·4 | 44·5 | 7·3 | 15·4 | 1·8 | 76 | 108·7 | 41·8 | 52·58 | WSW. | | .. | .. | .. | Sum 2211 | Sum +496 | Sum 0·61 | 1·0 |
| No. of Column - | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| Date. May | Electricity. (For explanation of symbols, see Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | General Remarks. |
|---|---|---|---|---|
| SUNDAY - 29 | m. P. generally - | 1·9 | 16·2 | Generally overcast; slight rain after 10h. 30m. P.M. |
| MONDAY - 30 | w. P. generally with occasional w. N. in morning. | 3·3 | 16·2 | Overcast in morning with gentle rain till 5h. A.M.; fine with large amounts of cloud till noon; overcast and showery afterwards. |
| TUESDAY - 31 | w. P. till noon; v. P. and v. N. till 9h. P.M.; m. P. afterwards. | 0·9 | 16·2 | Generally overcast with frequent showers till evening; fine afterwards. Lightning and thunder at 2h. 45m. P.M., and again at 6h. 15m P.M. |
| JUNE WEDNESDAY 1 | v. P. and v. N. till 8h. P.M.; m. P. afterwards. | 6·6 | 16·3 | Variable with frequent showers of rain and hail till evening; fine afterwards. Distant thunder in afternoon. A cold day. |
| THURSDAY - 2 | w. P. till 4h. A.M.; v. P. and v. N. till 7h. P.M.; m. P. afterwards. | 2·8 | 16·3 | Generally cloudy; frequent showers till afternoon. Occasional distant thunder. Cold. |
| FRIDAY - 3 | m. P. till 10h. A.M.; w. P. and w. N. till 7h. P.M.; m. P. afterwards. | 9·1 | 16·3 | Fine; partially cloudy. Occasional slight showers. |
| SATURDAY - 4 | m. P. generally - | 1·8 | 16·3 | Generally cloudy till afternoon; fine afterwards. A slight shower at noon. Partial solar halo between 5h. 30m. and 6h. 30m. P.M. |
| | | Sum 26·4 | Sum 113·8 | |
| No. of Col. - - | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased from 29·96 in. at the beginning of the week to 29·28 in. by 4h. P.M. on May 31st; increased to 29·85 in. by 7h. A.M. on June 3rd; and decreased to 29·75 in. by the end of the week.

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1898.

OFFICIAL COPY.

# WEEKLY RETURN

OF

# BIRTHS AND DEATHS IN LONDON

AND IN

# THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

*Printed under the Superintendence of Her Majesty's Stationery Office,*
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No. 23. 1898. VOL. LIX.] WEEK ENDING SATURDAY, JUNE 11. [Price 1½*d*.

*General Register Office, Somerset House,*
*June 13th*, 1898.

## THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 16·9 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS. | Weeks ending | | | | TOWNS. | Weeks ending | | | |
|---|---|---|---|---|---|---|---|---|---|
| | May 21. | May 28. | June 4. | June 11. | | May 21. | May 28. | June 4. | June 11. |
| **33 Great Towns** | 16·4 | 16·6 | 16·8 | 16·9 | Leicester - - | 15·2 | 13·0 | 12·2 | 19·7 |
| Birkenhead - | 14·7 | 14·7 | 16·6 | 16·1 | Liverpool - - | 22·6 | 22·5 | 22·7 | 20·4 |
| Birmingham - | 16·7 | 17·6 | 18·3 | 17·2 | London - - - | 15·7 | 16·0 | 16·1 | 16·3 |
| Blackburn - | 16·4 | 14·5 | 12·5 | 14·9 | Manchester - - | 19·5 | 21·9 | 20·3 | 20·3 |
| Bolton - - | 21·3 | 18·3 | 10·6 | 16·6 | Newcastle-on-Tyne | 23·6 | 22·2 | 24·3 | 24·1 |
| Bradford - | 15·2 | 16·3 | 14·7 | 16·3 | Norwich - - | 17·7 | 13·1 | 19·1 | 10·3 |
| Brighton - | 10·7 | 11·1 | 11·1 | 11·1 | Nottingham - - | 12·8 | 15·2 | 16·6 | 14·6 |
| Bristol - | 15·8 | 13·2 | 15·5 | 16·9 | Oldham - - | 15·1 | 17·6 | 15·1 | 19·3 |
| Burnley - | 12·4 | 15·7 | 11·9 | 16.2 | Plymouth - - | 15·8 | 15·8 | 17·9 | 17·9 |
| Cardiff - - | 8·8 | 13·5 | 15·5 | 12·3 | Portsmouth - - | 8·9 | 12·9 | 15·9 | 16·8 |
| Croydon - | 9·2 | 8·0 | 11·3 | 8·4 | Preston - - | 15·2 | 15·7 | 17·9 | 17·5 |
| Derby - - | 14·4 | 14·4 | 9·9 | 18·4 | Salford - - - | 21·3 | 16·9 | 18·9 | 20·8 |
| Gateshead - | 16·6 | 22·1 | 23·1 | 19·6 | Sheffield - - | 17·8 | 16·2 | 16·8 | 18·4 |
| Halifax - | 13·5 | 29·1 | 18·3 | 19·4 | Sunderland - - | 24·3 | 26·8 | 24·6 | 23·6 |
| Huddersfield- | 15·8 | 15·3 | 14·3 | 14·3 | Swansea - - | 16·4 | 11·8 | 14·3 | 18·4 |
| Hull - - | 13·2 | 15·2 | 13·4 | 12·2 | West Ham - - | 9·8 | 10·4 | 11·5 | 12·6 |
| Leeds - - | 20·8 | 17·1 | 19·5 | 17·4 | Wolverhampton - | 23·7 | 10·1 | 19·0 | 13·6 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·3 in Bradford, 1·5 in Salford, and 2·1 in Newcastle-on-Tyne; from *scarlet fever*, 1·0 in Gateshead; and from *whooping-cough*, 1·2 in Salford, 1·5 in Gateshead, and 1·6 in Newcastle-on-Tyne. In no case did the death-rate from "*fever*" or from *diarrhœa* reach 1·0 per 1000 in any of the thirty-three towns. The 42 deaths from *diphtheria* included 23 in London, 3 in Cardiff, 3 in Birmingham, 2 in West Ham, 2 in Sheffield, and 2 in Hull. No death from *small-pox* was registered in any of the thirty-three towns.

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

16960—660—6/98 Wt 91 D & S 3 Z

## London.

In London* 2646 births and 1411 deaths were registered. Allowing for increase of population, the births were 63 above, and the deaths 64 below, the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 15·7, 16·0, and 16·1 in the preceding three weeks, further rose last week to 16·3. During the four weeks ending on Saturday last the death-rate averaged 16·0 per 1000, being 1·9 per 1000 below the mean rate in the corresponding periods of the ten years 1888–97.

The 1411 deaths included 74 from measles, 10 from scarlet fever, 23 from diphtheria, 51 from whooping-cough, 4 from enteric fever, 22 from diarrhœa and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 184 deaths were referred to these diseases, being 19 below the corrected average weekly number.

The deaths from *measles*, which had been 82, 74, and 68 in the preceding three weeks, rose again last week to 74, the corrected average being 73; 8 cases belonged to Islington, 6 to St. Marylebone, 6 to Greenwich, and 5 to Rotherhithe sanitary areas. The deaths from *scarlet fever*, which had been 16, 6, and 17 in the preceding three weeks, fell again last week to 10, and were 7 below the corrected average; 4 cases belonged to Hackney sanitary area. The deaths from *diphtheria*, which had been 31, 27, and 30 in the preceding three weeks, fell again last week to 23, and were 12 below the corrected average; 2 cases belonged to Paddington, 2 to Kensington, 2 to Islington, 2 to St. George Southwark, 2 to Battersea, and 2 to Wandsworth sanitary areas. The deaths from *whooping-cough*, which had been 47, 59, and 45 in the preceding three weeks, rose again last week to 51, and were 5 above the corrected average; 6 cases belonged to Islington, 6 to Lambeth, 6 to Greenwich, and 5 to Battersea sanitary areas. The fatal cases of *enteric fever*, which had been 1, 6, and 3 in the preceding three weeks, rose again last week to 4, but were 3 below the corrected average. The deaths from *diarrhœa*, which had been 16, 10, and 17 in the preceding three weeks, further rose last week to 22, which is also the corrected average. The deaths referred to diseases of the respiratory organs, which had been 177, 216, and 226 in the preceding three weeks, fell again last week to 212, and were 32 below the corrected average. The deaths attributed directly to *influenza* numbered 10, having been 10, 16, and 13 in the preceding three weeks.

Different forms of violence caused 88 deaths, concerning all but 3 of which inquests were held. Of these 88 deaths, 10 were cases of suicide and 2 of homicide, while the remaining 76 were attributed to accident or negligence. Nine of these were referred to vehicles in the streets, 8 to drowning, 1 to the effects of chloroform administered for surgical purposes, and 13 (including 12 of infants under one year of age) to suffocation in bed.

### Cases of Infectious Sickness in Hospitals.†

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 1 case of small-pox, 2169 cases of scarlet fever, 1001 of diphtheria, and 44 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 206 cases, against 223, 256, and 220; of diphtheria, 150 cases, against 130, 144, and 147; and of enteric fever, 7 cases, against 8, 10, and 14.

* Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

† The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.

## Greater London.

In Greater London 3649 births and 1840 deaths were registered, corresponding to annual rates of 29·7 and 15·0 per 1000 of the estimated population. In the Outer Ring 20 deaths from measles, 4 from scarlet fever, 11 from diphtheria, 18 from whooping-cough, 4 from "fever," and 4 from diarrhœa were registered. Four deaths from measles occurred in Bexley sub-district, 3 in Chiswick sub-district, and 3 in Willesden sub-district; 3 deaths from diphtheria occurred in Dartford district, and 3 in West Ham district.

## Meteorology.

The mean reading of the Barometer last week at Greenwich was 29·85 inches, and that of the Thermometer 60°·2, the latter being 2°·0 above the week's average in the 50 years 1841–90. The direction of the wind was variable, the horizontal movement of the air being 5 per cent. below the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 41·1 hours; the measured rainfall amounted to 0·32 of an inch.

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## Returns of London Water Companies.

The London Water Companies have been good enough to furnish the following account of the number of services and the average daily amount of water supplied during the month of May 1898. The supply was in the ratio of 239 gallons to one service.

| Companies. | Number of Services. | | Daily Supply of Water in Gallons. | |
|---|---|---|---|---|
| | May, 1897. | May, 1898. | May, 1897. | May, 1898. |
| Total Supply | 844,425 | 860,278 | 208,952,975 | 205,403,094 |
| From Thames | 406,993 | 413,771 | 113,020,888 | 107,700,025 |
| From Lea and from other Sources | 437,432 | 446,507 | 95,932,087 | 97,703,069 |
| Thames. | | | | |
| Chelsea | 37,498 | 37,867 | 12,621,118 | 11,731,497 |
| West Middlesex | 81,155 | 82,379 | 20,700,182 | 21,221,312 |
| Southwark and Vauxhall | 120,487 | 121,625 | 34,105,441 | 30,831,163 |
| Grand Junction | 61,365 | 62,444 | 20,110,721 | 19,438,901 |
| Lambeth | 106,488 | 109,456 | 25,483,426 | 24,477,152 |
| Lea and other Sources. | | | | |
| New River | 161,947 | 164,171 | 37,008,000 | 37,744,918 |
| East London | 190,413 | 194,871 | 43,131,785 | 44,356,607 |
| Kent | 85,072 | 87,465 | 15,792,302 | 15,602,544 |

*Note.*—The Return for May 1898, as compared with that for the corresponding month of 1897, shows an increase of 15,853 services and a decrease of 3,549,881 gallons of water supplied daily.

---

## Analysis of Metropolitan Water Supply during May 1898.

*Water-analysis Laboratory, The Yews, Reigate,*
*3rd June*, 1898.

Sir,

I have to report to you the results of the chemical analysis, and of the physical and bacterioscopic examination, of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of May.

At the request of the Associated Metropolitan Water Companies, I have extended these monthly examinations to (*a*) the bacterioscopic and chemical condition of the raw river waters at the intakes of the various Companies, and (*b*) to the bacteriology of the water as it issues from the filter beds of each Company, and before it is pumped into the distributing mains.

I append, also, the results obtained in the analyses of the waters supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill, of Birmingham, and Dr. Mills, of Glasgow.

## *Analysis of Metropolitan Waters.*

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

| | Companies or Local Authorities. | Date and Place of Collection. | Temperature in Centigrade degrees. | Total Solid Matters. | Organic Carbon. | Organic Nitrogen. | Ammonia. | Nitrogen as Nitrates and Nitrites. | Total Combined Nitrogen. | Chlorine. | Total Hardness. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Inner Circle. | THAMES. (Unfiltered water) - | May 7th, Grand Junction Co.'s intake at Hampton. | 13·4° | 27·12 | ·187 | ·035 | ·008 | ·144 | ·186 | 1·8 | 18·3 |
| | " " | May 14th, Grand Junction Co.'s intake at Hampton. | 13·8 | 28·36 | ·211 | ·035 | ·010 | ·162 | ·205 | 1·7 | 18·9 |
| | Chelsea - - - | May 11th, Cab Rank. Horse Guards, Whitehall. | 12·5 | 25·78 | ·118 | ·018 | 0 | ·159 | ·177 | 1·8 | 17·7 |
| | West Middlesex - | May 11th, Cab Rank, Riding House-street. | 11·0 | 24·92 | ·095 | ·017 | 0 | ·160 | ·177 | 1·7 | 16·9 |
| | Southwark - - | May 11th, Cab Rank, St. George's Church. Borough. | 13·5 | 25·86 | ·116 | ·017 | 0 | ·150 | ·167 | 1·7 | 17·4 |
| | Grand Junction - | May 11th, Cab Rank, Portman-street. Oxford-street. | 13·4 | 25·60 | ·134 | ·021 | 0 | ·102 | ·123 | 1·7 | 17·7 |
| | Lambeth - - - | May 11th, Cab Rank, St. George's-road, Southwark. | 13·0 | 27·34 | ·115 | ·014 | 0 | ·178 | ·192 | 1·8 | 18·9 |
| | LEA. (Unfiltered water) - | May 9th, New River Cut at Green Lanes. | 13·0 | 29·48 | ·119 | ·015 | ·006 | ·231 | ·251 | 1·6 | 20·9 |
| | New River - - | May 11th, Cab Rank. Tottenham Court-road. | 12·5 | 28·74 | ·050 | ·009 | 0 | ·195 | ·204 | 1·6 | 19·7 |
| | (Unfiltered water) - | May 10th, East London Co.'s intake at Angel-road. | 13·9 | 32·80 | ·349 | ·061 | ·010 | ·143 | ·212 | 2·1 | 19·7 |
| | East London - - | May 11th, Cab Rank, Sidney-street, E. | 13·2 | 32·54 | ·109 | ·018 | 0 | ·204 | ·222 | 2·1 | 20·3 |
| Outer Circle. | DEEP WELLS. Kent - - - - | May 9th, Police Station, Blackheath-road. | 12·5 | 37·82 | ·029 | ·006 | 0 | ·448 | ·454 | 2·0 | 26·0 |
| | East London - - | May 6th, East Ham Well. | — | 38·30 | ·075 | ·016 | ·055 | ·011 | ·071 | 3·6 | 12·6 |
| | Corporation of Birmingham* - - - - | May 19th, Wellington-place, Kyrwick-lane. | 9·4 | 32·8 | ·150 | ·030 | 0 | ·350 | ·380 | 2·7 | 23·5 |
| | Corporation of Glasgow† | May 15th, Loch Katrine water. | 9·1 | 3·00 | ·264 | ·013 | 0 | ·003 | ·016 | 0·7 | 1·1 |
| | Column 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. |

* Analysed by Dr. Alfred Hill, F.I.C., Medical Officer of Health and Analyst to the City.

† Analysed by Dr. E. J. Mills, F.R.S., of the Glasgow and West of Scotland Technical College.

All the numbers contained in columns 4, 5, 6, 7, 8, 9, 10, and 11, relate to 100,000 parts of the waters. The Table is to be read thus :—The Thames water collected on the 7th of May at the Grand Junction Company's intake at Hampton had a temperature of 13·4° C.; 100,000 lbs. of it contained 27·12 lbs. of solid matter in solution; the organic substances, constituting a portion of this matter, contained ·187 lb. of carbon and ·035 lb. of nitrogen. The above quantity of water also contained ·008 lb. of ammonia and ·144 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was ·186 lb. The above weight of water also contained 1·8 lb. of chlorine, and 18·3 lbs. of carbonate of lime, or an equivalent amount of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

Taking the average amount of organic impurity in a given volume of Kent Company's water during the nine years ending December 1876, as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies, was:—Kent 0·6, New River 1·0, East London (deep well) 1·5, West Middlesex 1·9, Lambeth and East London (river supply) 2·2, Chelsea and Southwark 2·3, and Grand Junction 2·6. The unfiltered waters contained the following proportions:—Thames at Hampton (May 7th) 3·7, (May 14th) 4·2, New River Cut 2·3, and Lea at Angel Road 6·9.

The Thames at Hampton was, on May 7th and 14th, turbid and yellow in colour; it was of fairly good chemical and bacterial quality; the water supplied by the five Companies drawing from this river was, in every case, efficiently filtered before delivery. The bacterial purity was, however, in five out of ten samples examined, not satisfactory. The Grand Junction Company's filters at Kew, especially, were not effecting proper baterial purification, either on the 9th or 14th of May. The bacterial improvement effected by these Companies is expressed by the following percentage numbers:—Chelsea 99·78, West Middlesex 99·01. Southwark (No. 4 filter well) 99·67, (No. 5 filter well) 93·75, (general supply from Hampton) 96·88, Grand Junction (general filter well at Hampton) 98·69, (general filter well at Kew) 52·66 (South filter well at Kew) 95·40, and Lambeth 99·62.

The New River Cut, before entering the storage and subsidence reservoirs of the New River Company, was, on May 9th, turbid and very pale yellow in colour. It was of excellent chemical and bacterial quality. After efficient filtration, it was delivered to consumers in most excellent chemical and bacterial condition, being equal, in both respects, to deep well water. The bacterial improvement is expressed by the following percentage numbers:—No. 1 filter well 99·58, No. 8 filter well 98·33, and general filter well 94·17.

The water drawn from the Lea at Angel-road by the East London Company was, on the 10th of May, turbid and yellow in colour. It was of bad chemical, and indifferent bacterial quality. After storage and efficient filtration, it was delivered in most excellent chemical condition; but one of the filter wells transgressed somewhat the standard of 100 microbes per c.c. The other wells examined, however, were furnishing water of excellent bacterial quality. The bacterial improvement is expressed by the following percentage numbers:—No. 1 Essex well 99·04, No. 2 Essex well 97·07, and Middlesex well 99·15.

The deep well water of the Kent and East London Companies was clear and bright withou filtration. Both waters were of excellent quality, and that of the Kent Company possessed an extremely high degree of organic purity.

Seen through a stratum two feet deep, the Kent and East London (deep well) waters were clear and colourless, the New River clear and nearly colourless, and the remaining water clear and very pale yellow.

The bacterioscopic examination of the river waters, before and after storage, and of the supplies delivered by the various Companies, and collected on the 9th, 10th, 14th, and 23rd of May, yielded, after prolonged incubation, the results contained in the following Table:—

| Description. | Microbes per c.c. | Temp. C |
|---|---|---|
| **Raw and Stored River Waters.** | | ° |
| River Thames at Hampton, May 7th | Lost | 13·4 |
| " " " " 14th | 3,650 | 13·8 |
| " " after storage for 12 days (Chelsea Company), May 14th | 480 | 12·8 |
| West Middlesex Company's water, from mixed storage, May 9th | 880 | 13·2 |
| Grand Junction Company's water arriving at Kew from Hampton, May 9th | 320 | 13·8 |
| " " " " at Kew Bridge, passing to filters, May 9th | 780 | 14·0 |
| " " " " " " " 14th | 520 | 14·0 |
| Lambeth Company's water passing to filter 5, May 14th | 1,800 | 13·0 |
| New River Cut before passing through reservoirs, May 9th | 960 | 13·0 |
| " " after " " " " | 390 | 12·9 |
| River Lea at Angel-road, May 10th | 5,190 | 13·9 |
| " " after storage (East London Company), May 10th | 3,880 | 13·4 |
| **Filtered River Waters as supplied.** | | |
| **Thames.** | | |
| Chelsea Company's general filter well, May 14th | 8 | 12·9 |
| West Middlesex Company's general filter well, May 9th | 36 | 12·5 |
| Southwark Company's No. 4 filter well, May 14th | 12 | 12·5 |
| " " " " 5 " " " | 228 | 12·9 |
| " " " tap on filtered water main at Hampton works, May 14th | 114 | 12·9 |
| Grand Junction Company's general filter well at Hampton, May 14th | 48 | 13·2 |
| " " " " " " Kew Bridge, May 9th | 1,622 | 13·4 |
| " " " " " " " " May 14th | 1,728 | 13·8 |
| " " " South " " " " " | 168 | 13·5 |
| Lambeth Company's general filter well, May 14th | 14 | 13·0 |
| **Lea.** | | |
| New River Company's general filter well, May 9th | 56 | 12·9 |
| " " " No. 1 " " " | 4 | 12·5 |
| " " " No. 8 " " " | 16 | 12·5 |
| East London Company's No. 1 Essex filter well, May 10th | 50 | 12·9 |
| " " " No. 2 " " " " | 152 | 12·8 |
| " " " Middlesex " " " | 44 | 12·9 |
| **Deep-well.** | | |
| Kent Company's "New Well" at Deptford, May 9th | 132 | 11·3 |
| " " " " " " 23rd | 72 | 11·3 |

Dr. Hill, F.I.C., Medical Officer of Health for Birmingham, reports that the water supplied to that City was "very slightly turbid and pale green in a two-foot tube."

Dr. Mills, F.R.S., of the Glasgow and West of Scotland Technical College, reports that the water supplied to that City from Loch Katrine was "light brown in colour, and contained a little suspended matter."

I am, &c.,

E. FRANKLAND.

The Registrar-General, &c., &c.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Registered during the Week ending 11th June 1898. Births. | Deaths. | The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Annual Rate per 1000, corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6–12. | Temperature of the Air. Highest. Fahrenheit. | Lowest. Fahrenheit. | Mean. Fahrenheit. | Mean. Centigrade. | Rainfall. In Inches. | In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18 | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| **33 Towns** | **11,218,378** | **6982** | **3643** | **836** | **868** | **–** | **131** | **27** | **42** | **103** | **20** | **57** | **184** | **328** | **797** | **34** | **16·9** | **1·8** | **76·8** | **41·4** | **57·7** | **14·28** | **0·39** | **0·99** | **33 Towns.** |
| London | 4,504,766 | 2646 | 1411 | 294 | 354 | – | 74 | 10 | 23 | 51 | 4 | 22 | 88 | 166 | 431 | 7 | 16·3 | 2·1 | 76·0 | 47·2 | 60·2 | 15·67 | 0·32 | 0·81 | London. |
| West Ham | 286,654 | 176 | 69 | 16 | 19 | – | – | 2 | 2 | 4 | – | – | 4 | 6 | 12 | – | 12·6 | 1·5 | – | – | – | – | – | – | West Ham. |
| Croydon | 124,421 | 59 | 20 | 5 | 9 | – | – | – | – | – | – | – | 2 | 3 | 1 | – | 8·4 | – | 75·4 | 47·0 | 58·5 | 14·72 | 0·23 | 0·58 | Croydon. |
| Brighton | 122,310 | 49 | 26 | 6 | 4 | – | – | – | – | 1 | – | 2 | 1 | 1 | 4 | 1 | 11·1 | 1·3 | 76·8 | 47·6 | 58·5 | 14·72 | 0·29 | 0·74 | Brighton. |
| Portsmouth | 186,618 | 100 | 60 | 6 | 17 | – | – | – | – | – | – | 1 | 4 | 6 | 12 | – | 16·8 | 0·3 | 75·0 | 48·5 | 59·9 | 15·50 | 0·77 | 1·96 | Portsmouth. |
| Plymouth | 99,136 | 61 | 34 | 8 | 9 | – | 1 | – | 1 | 1 | – | – | 1 | 2 | 3 | – | 17·9 | 1·6 | – | – | – | – | – | – | Plymouth. |
| Bristol | 316,900 | 185 | 103 | 26 | 21 | – | 4 | 1 | 1 | 1 | – | 2 | 4 | 8 | 23 | 1 | 16·9 | 1·5 | 74·3 | 45·0 | 57·1 | 13·94 | 0·17 | 0·43 | Bristol. |
| Cardiff | 177,770 | 119 | 42 | 13 | 3 | – | – | 1 | 3 | 1 | – | 1 | 2 | 3 | 7 | – | 12·3 | 1·8 | – | – | – | – | – | – | Cardiff. |
| Swansea | 102,001 | 62 | 36 | 11 | 7 | – | – | – | – | – | – | 1 | 5 | 7 | 4 | – | 18·4 | 0·5 | – | – | – | – | – | – | Swansea. |
| Wolverhampton | 88,051 | 68 | 23 | 3 | 1 | – | 1 | – | – | – | 1 | – | 1 | 1 | 1 | – | 13·6 | 1·2 | 73·2 | 41·4 | 54·9 | 12·72 | 0·10 | 0·25 | Wolverhampton. |
| Birmingham | 510,343 | 366 | 168 | 50 | 38 | – | 2 | – | 3 | 5 | 3 | 7 | 3 | 4 | 21 | 5 | 17·2 | 2·0 | – | – | – | – | – | – | Birmingham. |
| Norwich | 111,699 | 51 | 22 | 4 | 8 | – | 1 | – | – | – | 1 | – | 2 | 3 | 3 | – | 10·3 | 0·9 | 74·0 | 46·6 | 57·2 | 14·00 | 1·87 | 4·75 | Norwich. |
| Leicester | 208,662 | 114 | 79 | 18 | 18 | – | 3 | 3 | 1 | – | – | – | 3 | 7 | 17 | – | 19·7 | 1·7 | – | – | – | – | – | – | Leicester. |
| Nottingham | 236,137 | 123 | 66 | 18 | 21 | – | – | – | – | 1 | 1 | 3 | 2 | 4 | 13 | – | 14·6 | 1·1 | 71·5 | 48·3 | 57·4 | 14·11 | 0·17 | 0·43 | Nottingham. |
| Derby | 104,834 | 54 | 37 | 4 | 11 | – | 1 | – | – | – | 1 | – | 1 | 3 | 7 | – | 18·4 | 1·0 | – | – | – | – | – | – | Derby. |
| Birkenhead | 113,189 | 54 | 35 | 10 | 6 | – | 1 | – | – | – | – | 2 | 2 | 3 | 4 | 1 | 16·1 | 1·4 | – | – | – | – | – | – | Birkenhead. |
| Liverpool | 633,645 | 417 | 248 | 54 | 53 | – | 8 | 2 | 1 | 8 | 3 | 4 | 11 | 16 | 56 | 7 | 20·4 | 2·1 | 72·3 | 49·8 | 56·8 | 13·78 | 0·09 | 0·23 | Liverpool. |
| Bolton | 122,495 | 78 | 39 | 9 | 9 | – | 1 | – | – | – | – | – | 5 | 7 | 4 | – | 16·6 | 0·4 | – | – | – | – | – | – | Bolton. |
| Manchester | 539,079 | 430 | 210 | 56 | 47 | – | 2 | 1 | – | 3 | – | 1 | 6 | 16 | 51 | – | 20·3 | 0·7 | – | – | – | – | – | – | Manchester. |
| Salford | 215,702 | 193 | 86 | 26 | 11 | – | 6 | 1 | 1 | 5 | – | 1 | 1 | 2 | 13 | 1 | 20·8 | 3·4 | – | – | – | – | – | – | Salford. |
| Oldham | 148,288 | 79 | 55 | 10 | 17 | – | – | – | – | 1 | – | 1 | 3 | 5 | 4 | – | 19·3 | 0·7 | – | – | – | – | – | – | Oldham. |
| Burnley | 109,546 | 64 | 34 | 16 | 5 | – | – | – | – | – | – | – | 1 | 1 | 5 | – | 16·2 | – | – | – | – | – | – | – | Burnley. |
| Blackburn | 133,228 | 68 | 38 | 13 | 9 | – | 2 | – | 1 | – | – | 2 | 1 | 1 | 5 | 1 | 14·9 | 2·0 | – | – | – | – | – | – | Blackburn. |
| Preston | 116,356 | 65 | 39 | 11 | 13 | – | – | – | – | 2 | – | – | 2 | 3 | 6 | 1 | 17·5 | 0·9 | – | – | – | – | – | – | Preston. |
| Huddersfield | 102,454 | 71 | 28 | 3 | 16 | – | – | – | – | – | 1 | 1 | 2 | 3 | 5 | 1 | 14·3 | 1·0 | 69·8 | 46·5 | 55·4 | 13·00 | 0·08 | 0·20 | Huddersfield. |
| Halifax | 96,729 | 44 | 36 | 6 | 13 | – | 1 | – | – | – | – | 1 | 1 | 2 | 2 | – | 19·4 | 1·1 | – | – | – | – | – | – | Halifax. |
| Bradford | 233,737 | 124 | 73 | 15 | 20 | – | 6 | – | – | – | – | 1 | 3 | 5 | 10 | 3 | 16·3 | 1·6 | 73·4 | 51·2 | 58·6 | 14·78 | 0·20 | 0·51 | Bradford. |
| Leeds | 416,618 | 306 | 139 | 32 | 35 | – | 2 | 3 | 1 | 2 | 1 | – | 6 | 13 | 19 | – | 17·4 | 1·1 | – | – | – | – | – | – | Leeds. |
| Sheffield | 356,478 | 260 | 126 | 32 | 23 | – | 2 | 1 | 2 | 4 | 4 | 1 | 7 | 8 | 26 | 2 | 18·4 | 2·0 | – | – | – | – | – | – | Sheffield. |
| Hull | 229,887 | 178 | 54 | 14 | 11 | – | 3 | – | 2 | 2 | – | 1 | 2 | 2 | 10 | 1 | 12·2 | 1·8 | – | – | – | – | – | – | Hull. |
| Sunderland | 143,849 | 92 | 65 | 11 | 14 | – | 1 | – | – | 1 | – | 1 | 4 | 6 | 8 | – | 23·6 | 1·1 | – | – | – | – | – | – | Sunderland. |
| Gateshead | 103,775 | 78 | 39 | 14 | 5 | – | – | 2 | – | 3 | – | – | 1 | 2 | – | – | 19·6 | 2·5 | – | – | – | – | – | – | Gateshead. |
| Newcastle | 223,021 | 148 | 103 | 22 | 21 | – | 9 | – | – | 7 | – | [illegible] | 3 | 9 | 10 | 2 | 24·1 | 4·0 | – | – | – | – | – | – | Newcastle. |

* See note * on first page of this return.

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the TWENTY-THIRD Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2430 | 2523 | 2399 | 2698 | 2422 | 2582 | 2300 | 2333 | 2545 | 2314 | 2582·9 | 2646 |
| Males - - | 1225 | 1299 | 1231 | 1370 | 1223 | 1324 | 1147 | 1176 | 1307 | 1208 | 1316·4 | 1385 |
| Females - | 1205 | 1224 | 1168 | 1328 | 1199 | 1258 | 1153 | 1157 | 1238 | 1106 | 1266·5 | 1261 |
| TOTAL **Deaths** - | 1219 | 1306 | 1393 | 1886 | 1428 | 1491 | 1398 | 1247 | 1467 | 1177 | 1474·5 | 1411 |
| Males - - | 637 | 675 | 733 | 948 | 772 | 896 | 760 | 633 | 723 | 649 | 772·0 | 732 |
| Females - - | 582 | 631 | 660 | 938 | 656 | 635 | 638 | 614 | 744 | 528 | 702·5 | 679 |

* The numbers in this column are the average weekly numbers in the twenty-third week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | Mar. 19. | Mar. 26. | Apr. 2. | Apr. 9. | Apr. 16. | Apr. 23. | Apr. 30. | May 7. | May 14. | May 21. | May 28. | June 4. | June 11. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** - - - | 2576 | 2218 | 2860 | 2415 | 2623 | 2769 | 2522 | 2449 | 2425 | 2285 | 2569 | 2199 | 2646 |
| TOTAL **Deaths** - - - | 1869 | 1731 | 1883 | 1631 | 1648 | 1546 | 1485 | 1464 | 1356 | 1360 | 1385 | 1392 | 1411 |
| Ages at Death: Under 1 year - - | 367 | 331 | 386 | 368 | 377 | 336 | 346 | 297 | 288 | 322 | 339 | 259 | 294 |
| 1—5 years - - | 311 | 358 | 338 | 295 | 285 | 283 | 265 | 272 | 206 | 215 | 202 | 225 | 200 |
| 5—20 " - - | 83 | 98 | 84 | 86 | 76 | 88 | 80 | 60 | 71 | 86 | 83 | 94 | 83 |
| 20—40 " - - | 206 | 202 | 198 | 195 | 186 | 194 | 181 | 198 | 200 | 176 | 167 | 173 | 192 |
| 40—60 " - - | 360 | 314 | 344 | 309 | 290 | 300 | 283 | 276 | 268 | 271 | 246 | 281 | 288 |
| 60—80 " - - | 425 | 344 | 424 | 364 | 362 | 272 | 274 | 309 | 259 | 247 | 293 | 294 | 302 |
| 80 years and upwards | 117 | 84 | 109 | 74 | 72 | 73 | 56 | 52 | 64 | 43 | 55 | 66 | 52 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox - - - - | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Measles - - - - - | 134 | 143 | 115 | 108 | 117 | 131 | 107 | 99 | 76 | 82 | 74 | 68 | 74 |
| Scarlet Fever - - - | 10 | 15 | 22 | 19 | 12 | 10 | 13 | 10 | 11 | 16 | 6 | 17 | 10 |
| Diphtheria - - - - | 36 | 53 | 45 | 29 | 34 | 31 | 39 | 27 | 20 | 31 | 27 | 30 | 23 |
| Whooping-cough - - - | 56 | 59 | 63 | 64 | 59 | 53 | 70 | 52 | 48 | 47 | 59 | 45 | 51 |
| Typhus - - - - - | – | 1 | 1 | – | – | – | – | – | – | – | – | – | – |
| Enteric Fever - - - | 10 | 1 | 7 | 9 | 7 | 5 | 7 | 5 | 7 | 1 | 6 | 3 | 4 |
| Simple Continued Fever - | – | – | – | – | – | 1 | – | – | – | – | – | – | – |
| Diarrhœa and Dysentery .. | 11 | 9 | 9 | 15 | 12 | 10 | 10 | 13 | 8 | 16 | 10 | 17 | 22 |
| Cholera - - - - - | – | – | – | – | – | – | – | – | – | – | – | – | – |
| All the above Diseases - | 257 | 281 | 262 | 244 | 241 | 241 | 246 | 206 | 170 | 193 | 182 | 180 | 184 |
| Dis. of Respiratory System - | 430 | 402 | 451 | 372 | 305 | 283 | 274 | 226 | 232 | 177 | 216 | 226 | 212 |
| Phthisis - - - - - | 184 | 143 | 160 | 146 | 138 | 154 | 153 | 158 | 163 | 159 | 134 | 126 | 156 |
| Dis. of Circulatory System - | 136 | 137 | 147 | 140 | 141 | 129 | 131 | 116 | 114 | 141 | 120 | 141 | 124 |
| Violence - - - - | 59 | 84 | 53 | 78 | 76 | 54 | 61 | 61 | 58 | 65 | 63 | 77 | 88 |
| Inquest Cases - - - - | 157 | 160 | 141 | 137 | 158 | 123 | 142 | 130 | 122 | 108 | 154 | 150 | 166 |
| Deaths in Public Institutions - | 543 | 542 | 544 | 529 | 461 | 472 | 447 | 440 | 431 | 449 | 438 | 451 | 430 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean - - - - - - | 45°·7 | 37°·5 | 40°·7 | 49°·3 | 49°·3 | 46°·4 | 48°·3 | 51°·9 | 50°·7 | 49°·0 | 54°·7 | 51°·9 | 60°·2 |
| Mean of Highest readings - | 52·6 | 44·8 | 48·3 | 59·3 | 57·4 | 56·8 | 57·5 | 59·9 | 59·0 | 56·7 | 64·8 | 61·2 | 70·6 |
| Mean of Lowest readings - | 38·6 | 31·5 | 34·4 | 40·6 | 42·2 | 37·6 | 40·4 | 44·8 | 44·7 | 42·8 | 46·7 | 44·6 | 50·8 |
| Humidity of the Air - - | 78 | 84 | 79 | 67 | 72 | 73 | 81 | 75 | 76 | 82 | 76 | 76 | 78 |
| Rain-fall (in inches) - - | 0·25 | 0·56 | 0·15 | 0·13 | 0·31 | 0·00 | 0·49 | 0·58 | 0·54 | 0·78 | 0·40 | 0·61 | 0·32 |
| Registered Sunshine (in hours) | 13·3 | 16·5 | 28·9 | 47·8 | 25·8 | 46·4 | 23·9 | 36·6 | 30·8 | 32·2 | 37·0 | 26·4 | 41·1 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox - - - - - | 1 | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 |
| Scarlet Fever - - - - | 2419 | 2371 | 2377 | 2421 | 2384 | 2334 | 2302 | 2271 | 2247 | 2241 | 2195 | 2207 | 2169 |
| Diphtheria - - - - | 1024 | 1022 | 1009 | 1004 | 962 | 953 | 930 | 942 | 948 | 953 | 923 | 973 | 1001 |
| Enteric Fever - - - - | 79 | 72 | 64 | 62 | 61 | 67 | 59 | 54 | 57 | 55 | 54 | 55 | 44 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton: A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and J. Boobbyer Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S. Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-THIRD Week of the Year 1898.

| CAUSES OF DEATH. | Corrected Averages for the 23rd Week of the 10 years 1888-97*. | In the Week ending Saturday, 11th June 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| CAUSES - - - | 1474·5 | 1411 | 294 | 200 | 83 | 192 | 288 | 302 | 52 |
| ll- Vaccinated† - | 0·5 | - | - | - | - | - | - | - | - |
| x Unvaccinated | 0·2 | - | - | - | - | - | - | - | - |
| No Statement | 0·5 | - | - | - | - | - | - | - | - |
| les - - - - | 73·4 | 74 | 16 | 56 | 2 | - | - | - | - |
| et Fever - - - | 16·8 | 10 | 1 | 7 | 2 | - | - | - | - |
| us - - - - | 0·2 | - | - | - | - | - | - | - | - |
| osing Fever - - | - | - | - | - | - | - | - | - | - |
| enza - - - - | 32·5 | 10 | - | - | 1 | - | 2 | 7 | - |
| pping-cough - - | 45·5 | 51 | 17 | 33 | 1 | - | - | - | - |
| theria - - | 34·7 | 23 | 1 | 11 | 10 | 1 | - | - | - |
| le Continued and defined Fever - | 0·7 | - | - | - | - | - | - | - | - |
| ric Fever - - - | 7·2 | 4 | - | - | 1 | 2 | 1 | - | - |
| ra and Chol. Diarr. | 0·8 | - | - | - | - | - | - | - | - |
| hœa, Dysentery - | 22·3 | 22 | 13 | 4 | - | - | 3 | 1 | 1 |
| ttent Fever - - | - | 1 | - | - | - | - | 1 | - | - |
| phobia - - - | - | - | - | - | - | - | - | - | - |
| ers - - - - | - | - | - | - | - | - | - | - | - |
| ox and Effects of cination - - | 0·1 | - | - | - | - | - | - | - | - |
| real Affections - - | 9·4 | 7 | 4 | 2 | 1 | - | - | - | - |
| pelas - - - | 4·2 | 2 | - | - | - | - | - | 2 | - |
| nia and Septicæmia | 2·0 | - | - | - | - | - | - | - | - |
| peral Fever - - | 5·7 | 7 | - | - | - | 5 | 2 | - | - |
| Zymotic Diseases | 1·3 | 1 | - | - | - | - | - | 1 | - |
| h - - - - | 0·9 | - | - | - | - | - | - | - | - |
| ns and other Parasical Diseases - | 0·2 | - | - | - | - | - | - | - | - |
| ation, Want of breast-milk - - | 1·6 | - | - | - | - | - | - | - | - |
| olism - - - | 9·7 | 9 | - | - | - | 5 | 3 | 1 | - |
| matic Fever, umatism of Heart | 4·9 | 7 | - | - | 2 | 5 | - | - | - |
| matism - - - | 2·3 | 2 | - | - | - | - | 1 | 1 | - |
| - - - - - | 3·3 | 1 | - | - | - | - | - | 1 | - |
| ts - - - - | 7·8 | 4 | 4 | - | - | - | - | - | - |
| r - - - - | 73·7 | 80 | 1 | - | - | 9 | 37 | 31 | 2 |
| Mesenterica - - | 17·5 | 24 | 14 | 4 | - | 1 | 3 | 2 | - |
| rcular Meningitis - | 29·4 | 31 | 12 | 9 | 10 | - | - | - | - |
| sis - - - - | 155·2 | 156 | 1 | 4 | 12 | 72 | 56 | 11 | - |
| ula, Tuberculosis - | 18·0 | 18 | 4 | 7 | 4 | 3 | - | - | - |
| Constitutional eases - - | 12·3 | 8 | 1 | - | - | 2 | 1 | 3 | 1 |
| ature Birth - - | 43·7 | 42 | 42 | - | - | - | - | - | - |
| tasis - - - | 3·7 | 3 | 3 | - | - | - | - | - | - |
| nital Malforma- s - - - | 8·0 | 8 | 5 | 2 | 1 | - | - | - | - |
| ge - - - - | 41·9 | 45 | - | - | - | - | 1 | 23 | 21 |
| exy - - - | 40·7 | 55 | - | - | 1 | - | 10 | 41 | 3 |
| psy - - - - | 6·2 | 8 | - | - | 1 | 1 | 4 | 2 | - |
| ulsions - - - | 35·6 | 24 | 22 | 1 | 1 | - | - | - | - |
| Diseases of Brain Nervous System | 80·2 | 76 | 10 | 7 | 2 | 12 | 16 | 25 | 4 |
| ses of Organs of cial Sense - | 2·3 | 1 | 1 | - | - | - | - | - | - |

| CAUSES OF DEATH | Corrected Averages for the 23rd Week of the 10 years 1888-97*. | In the Week ending Saturday, 11th June 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 118·9 | 124 | 2 | - | 9 | 16 | 34 | 60 | 3 |
| Croup - - - - | 3·4 | - | - | - | - | - | - | - | - |
| Bronchitis - - - | 117·1 | 92 | 31 | 17 | 1 | 3 | 12 | 23 | 5 |
| Pneumonia - - - | 97·7 | 93 | 20 | 22 | 4 | 8 | 26 | 12 | 1 |
| Pleurisy - - - - | 7·1 | 5 | - | - | - | 1 | 1 | 1 | 2 |
| Other Diseases of Respiratory System - | 18·6 | 22 | 4 | 2 | 2 | - | 5 | 7 | 2 |
| Dentition - - - - | 8·5 | 5 | 3 | 2 | - | - | - | - | - |
| Quinsy, Sore Throat - | 2·7 | 1 | 1 | - | - | - | - | - | - |
| Enteritis - - - - | 13·2 | 15 | 10 | - | 1 | - | 3 | 1 | - |
| Peritonitis - - - | 6·3 | 6 | 1 | - | 1 | 1 | 2 | 1 | - |
| Diseases of Liver - - | 26·8 | 28 | 3 | - | 1 | 4 | 10 | 9 | 1 |
| Other Diseases of Digestive System | 26·5 | 27 | 4 | - | - | 3 | 7 | 11 | 2 |
| Diseases of Lymphatic System & of Ductless Glands - - - | 1·6 | 3 | - | - | 1 | 1 | - | 1 | - |
| Diseases of Urinary System - - - | 40·5 | 42 | 1 | - | 2 | 8 | 20 | 11 | - |
| Diseases of Generative System - - - | 5·9 | 4 | - | - | - | 1 | 3 | - | - |
| Accidents of Childbirth - | 4·4 | 10 | - | - | 1 | 8 | 1 | - | - |
| Diseases of Locomotive System - - - | 6·4 | 5 | - | 1 | 1 | 2 | - | - | 1 |
| Diseases of Integumentary System - - | 4·8 | 4 | 2 | - | - | - | 1 | 1 | - |
| VIOLENT DEATHS ‡ (ACCIDENT.) | | | | | | | | | |
| By Railways - - | 51·9 | 2 | - | - | - | 2 | - | - | - |
| By Vehicles or Horses - | | 9 | - | 1 | 1 | 2 | 4 | 1 | - |
| In Ships, Boats, Docks, (exclusive of Drowning) - - - | | 1 | - | - | - | - | 1 | - | - |
| In Building Operations - | | 2 | - | - | - | 1 | 1 | - | - |
| In Conflagrations - - | | - | - | - | - | - | - | - | - |
| By Burns, Scalds, Explosions - - | | 5 | 1 | 3 | - | - | 1 | - | - |
| By Drowning - - - | | 8 | - | - | 1 | 2 | 3 | 2 | - |
| By Suffocation in Bed - | | 13 | 12 | 1 | - | - | - | - | - |
| By Poisons or Poisonous Vapours - - | | 4 | - | - | 1 | 1 | 1 | 1 | - |
| Other or not stated causes - - - - | | 32 | 5 | 3 | 3 | 7 | 6 | 6 | 2 |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - | 1·8 | 2 | 1 | - | - | - | 1 | - | - |
| Suicide - - - - | 9·4 | 10 | - | - | 1 | 3 | 3 | 2 | 1 |
| Execution - - - | - | - | - | - | - | - | - | - | - |
| OTHER CAUSES - - | 43·9 | 23 | 21 | 1 | - | - | 1 | - | - |

he numbers in this column are the average weekly deaths for the ten years 1888-97, raised by 5·230 per cent. for increase pulation.

nly those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered cal men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

he evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of ent. murder manslaughter or suicide. All such cases are classed under "accident.'

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 11th June, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Fever. | Continued Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2646 | 1411 | 294 | 354 | - | 74 | 10 | 23 | 51 | - | 4 | - | 22 | 88 | 166 | 431 |
| WEST DISTRICTS - - - | 778,251 | 402 | 254 | 72 | 79 | - | 9 | 1 | 4 | 6 | - | - | - | 3 | 20 | 30 | 75 |
| NORTH DISTRICTS - - - | 1,040,694 | 596 | 288 | 44 | 66 | - | 18 | 5 | 5 | 11 | - | - | - | 1 | 15 | 30 | 86 |
| CENTRAL DISTRICTS - - - | 233,635 | 141 | 97 | 15 | 26 | - | 7 | - | 2 | - | - | - | - | - | 7 | 15 | 47 |
| EAST DISTRICTS - - - | 716,334 | 530 | 260 | 60 | 63 | - | 8 | - | 2 | 7 | - | 2 | - | 7 | 21 | 47 | 85 |
| SOUTH DISTRICTS - - - | 1,642,796 | 977 | 483 | 102 | 109 | - | 32 | 3 | 10 | 27 | - | 2 | - | 9 | 25 | 44 | 109 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | -- | - | 29 | 1 | 11 | - | - | 1 | - | - | - | - | - | 2 | - | - | 29 |
| WEST DISTRICTS. | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 58 | 38 | 15 | 10 | - | 3 | - | - | 1 | - | - | - | - | - | 3 | 9 |
| St. John Paddington *H* - - G. | 33,510 | 7 | 11 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | 9 |
| Kensington Town *Ww* - - W. | 122,164 | 82 | 39 | 14 | 12 | - | - | - | 1 | 1 | - | - | - | - | 2 | 3 | 13 |
| Brompton *HH*- - - W & C. | 48,301 | 2 | 12 | - | 8 | - | - | - | - | - | - | - | - | - | 1 | 1 | 2 |
| St. Peter Hammersmith - - W. | 9,097 | 6 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - |
| St. Paul Hammersmith *HH* W & G. | 35,102 | 62 | 28 | 9 | 10 | - | - | - | - | 2 | - | - | - | - | 4 | 5 | 2 |
| Fulham *Ww* - - - W. & C. | 113,781 | 76 | 38 | 15 | 8 | - | 2 | 1 | 2 | - | - | - | - | 2 | 3 | 4 | 12 |
| Chelsea Kensal Town - C. | 21,450 | 12 | 4 | 4 | - | - | 1 | - | - | - | - | - | - | - | - | 1 | - |
| Chelsea North *WHHHHH* - C. | 42,057 | 25 | 12 | - | 9 | - | - | - | - | - | - | - | - | - | 1 | 1 | 7 |
| Chelsea South *HH* - - C. | 33,139 | 21 | 11 | 2 | 3 | - | - | - | 1 | - | - | - | - | - | 1 | 1 | 2 |
| May Fair *W* - - - - G. | 23,827 | 3 | 9 | 2 | 4 | - | 1 | - | - | - | - | - | - | 1 | 1 | 1 | 6 |
| Belgrave *WHHH* - - - C. | 56,140 | 24 | 25 | 2 | 5 | - | - | - | - | - | - | - | - | - | 3 | 5 | 9 |
| St. John Westminster *HH* - C. | 31,492 | 13 | 12 | 3 | 4 | - | 1 | - | - | 2 | - | - | - | - | 1 | 1 | - |
| St. Margaret Westminster *H*- C. | 22,097 | 3 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 2 |
| St. James Westminster *WHH* N. & G. | 23,050 | 3 | 4 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | 1 | 2 |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 5 | 6 | 2 | 1 | - | 1 | - | - | - | - | - | - | - | 2 | 2 | - |
| NORTH DISTRICTS. | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - - W. | 36,595 | 15 | 19 | 2 | 5 | - | 1 | - | - | - | - | - | - | - | 2 | 2 | 11 |
| Rectory Marylebone *W* G. & W. | 19,798 | 11 | 6 | 3 | 2 | - | - | - | - | - | - | - | - | - | - | - | 3 |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 36 | 5 | - | 1 | - | 1 | - | - | - | - | - | - | - | - | 1 | 2 |
| Christchurch Marylebone *H* - W | 32,547 | 11 | 9 | 2 | - | - | 2 | - | - | 2 | - | - | - | - | 1 | 1 | - |
| St. John Marylebone *HHH* W. | 32,611 | 18 | 6 | 1 | 1 | - | 2 | - | - | - | - | - | - | - | - | - | - |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 31 | 24 | 2 | 6 | - | - | 2 | 2 | - | - | - | - | - | 3 | 3 | 14 |
| Regent's Park Pancras *HH* - W. | 37,341 | 25 | 6 | 1 | 2 | - | - | - | - | - | - | - | - | - | 1 | 1 | - |
| Tottenham-court *wHHH* - N. & W. | 26,757 | 14 | 12 | 2 | 2 | - | - | - | - | - | - | - | - | - | 1 | 2 | 8 |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 19 | 8 | 2 | 2 | - | 1 | - | - | - | - | - | - | - | - | 1 | 1 |
| Somers Town *HH* - - - N. | 32,161 | 22 | 4 | - | 1 | - | - | - | - | - | - | - | - | - | - | 2 | - |
| Camden Town *WH* - - N. | 16,669 | 18 | 6 | 2 | 1 | - | - | - | - | - | - | - | - | - | 1 | 1 | 4 |
| Kentish Town *WW* - - N. | 98,410 | 59 | 32 | 2 | 3 | - | 1 | - | - | 2 | - | - | - | - | 4 | 6 | 8 |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 52 | 39 | 6 | 9 | - | - | - | - | 3 | - | - | - | - | 1 | - | 20 |
| Islington South-west H - N. | 107,365 | 61 | 23 | 7 | 2 | - | 7 | - | - | 2 | - | - | - | - | - | 3 | - |
| Islington South-east - - N. | 66,549 | 34 | 19 | 2 | 7 | - | 1 | - | - | 1 | - | - | - | - | - | 3 | - |
| Highbury *HH* - - - N. | 64,577 | 32 | 10 | 2 | 1 | - | - | - | - | - | - | - | - | 1 | - | 1 | 2 |
| Stoke Newington *H* - N. | 33,485 | 10 | 7 | 1 | 3 | - | - | - | - | - | - | - | - | - | 1 | 1 | - |
| North Hackney - - E. & N. | 213,044 | 16 | 11 | 1 | 4 | - | - | 3 | - | - | - | - | - | - | - | - | - |
| Central Hackney *ww* - E. & N. | | 28 | 14 | 2 | 4 | - | 1 | - | 3 | - | - | - | - | - | - | - | 3 |
| South-west Hackney *HHH* E. & N. | | 48 | 13 | 2 | 3 | - | 1 | - | - | - | - | - | - | - | - | 1 | 2 |
| South-east Hackney *WwH* E.& N. | | 36 | 15 | 2 | 7 | - | - | - | - | 1 | - | - | - | - | - | 1 | 8 |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated there, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers are received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. The Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River; E. East London; and K. the Kent Company.

* See note * on second page of this Return.

E 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, CARLET FEVER, DIPHTHERIA, WHOOPING-COUGH. FEVER, DIARRHŒA, VIOLENCE &c., registered in each UB-DISTRICT during the Week ending Saturday, 11th June, 1898—*continued.*

| EGISTRATION SUB-DISTRICTS | Enumerated Population. 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CENTRAL DISTRICTS. | | | | | | | | | | | | | | | | | | |
| eorge Bloomsbury - - N. | 16,110 | 3 | 3 | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| iles South *WH* - - N. | 12,976 | 6 | 2 | - | - | - | - | - | - | - | - | - | - | | - | - | 1 | - |
| iles North *H* - - - N. | 9,151 | 4 | 5 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Iartin-in-the-Fields *HH* N. & C. | 13,077 | 4 | 7 | - | 4 | - | - | - | - | - | - | - | - | - | 1 | 3 | 3 | - |
| nd *WHH* - - - - N. | 11,839 | 6 | 5 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | 3 | - |
| *nd Union Workhouse, Edmonton* | †*1,037* | - | 3 | - | 3 | - | - | - | - | - | - | - | - | - | - | - | 3 | - |
| oorn *wHHHHHH* - N. | 31,042 | 12 | 20 | 5 | 2 | - | - | - | 1 | - | - | - | - | - | 1 | 2 | 12 | 1 |
| ames Clerkenwell - - N. | 15,777 | 11 | 3 | 2 | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| well Clerkenwell - - N. | 34,356 | 20 | 8 | 4 | 1 | - | 1 | - | 1 | - | - | - | - | - | - | 1 | - | - |
| well-street - - - - N. | 16,069 | 13 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| -road *HHHL* - - - N. | 29,897 | 45 | 7 | - | 2 | - | 2 | - | - | - | - | - | - | - | - | 1 | 2 | - |
| tecross-street - - - N. | 7,595 | 5 | 5 | 3 | 1 | - | 2 | - | - | - | - | - | - | - | 1 | 1 | - | - |
| bury - - - - - N. | 4,035 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| *orn Union Workhouse, tcham* - - - - | †*892* | - | 2 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | 2 | - |
| Botolph *H* - - N. & E. | 6,870 | 3 | 1 | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| legate - - - - N. | 3,299 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| epulchre *WH* - - - N. | 9,591 | 4 | 22 | - | 4 | - | - | - | - | - | - | - | - | - | 4 | 6 | 19 | - |
| allows Barking - - - N. | 9,059 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| d Street *H* - - - N. | 2,892 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| *of London Asylum, Stone* - - | †*388* | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| EAST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| editch South *Hl* - E. & N. | 17,975 | 13 | 4 | 1 | 1 | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - |
| ton New Town *w* - - N. | 29,575 | 22 | 13 | 2 | 5 | - | - | - | - | 1 | - | - | - | 1 | - | 2 | 5 | - |
| ton Old Town - - - N. | 27,645 | 13 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | - | 2 | - | - |
| gerston *WH* - - N. & E. | 47,163 | 28 | 9 | 1 | 2 | - | - | - | - | - | - | - | - | 1 | - | - | 6 | - |
| nal Green North *H* - E. | 49,301 | 38 | 15 | 7 | 2 | - | 1 | - | - | - | - | 1 | - | - | 1 | 3 | - | - |
| nal Green South - - E. | 34,194 | 30 | 11 | 5 | 1 | - | 1 | - | - | - | - | - | - | - | 1 | 2 | - | - |
| nal Green East *WHl* - E. | 45,667 | 32 | 16 | 1 | 4 | - | 1 | - | - | 1 | - | - | - | - | 1 | 2 | 4 | - |
| alfields - - - E. & N. | 26,681 | 26 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - | - |
| End New Town *W* - E. | 12,816 | 20 | 9 | 2 | - | - | 1 | - | - | - | - | - | - | - | 1 | 4 | 5 | - |
| techapel Church *H* - E. & N. | 25,561 | 15 | 27 | 7 | 2 | - | - | - | - | - | - | - | - | - | 5 | 5 | 19 | - |
| dman's Fields - - - E. | 13,618 | 7 | 2 | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - |
| eorge's North - - - E. | 39,576 | 46 | 13 | 7 | 2 | - | 1 | - | - | - | - | - | - | 1 | - | 2 | - | - |
| ohn, St. George East *W* E. | 7,930 | 7 | 12 | 1 | 5 | - | - | - | - | - | - | - | - | - | 1 | 2 | 9 | - |
| dwell *H* - - - E. & N. | 10,434 | 4 | 10 | 4 | 1 | - | 1 | - | - | 1 | - | - | - | 1 | 2 | 2 | 5 | - |
| liff *W* - - - - E. | 14,954 | 10 | 9 | 1 | 1 | - | - | - | - | - | - | - | - | - | 1 | 2 | - | - |
| ehouse - - - - - E. | 32,917 | 26 | 6 | 2 | - | - | - | - | - | 1 | - | - | - | 1 | - | - | - | - |
| End Old Town West *H* E. | 111,060 | 62 | 12 | 3 | 2 | - | - | - | - | 1 | - | - | - | - | - | 2 | - | - |
| End Old Town East *Www* - E. | | 32 | 19 | 3 | 8 | - | - | - | 1 | 2 | - | - | - | - | - | - | 10 | - |
| *l* - - - - E. | 41,687 | 17 | 10 | 3 | 2 | - | 2 | - | - | - | - | - | - | - | - | - | - | - |
| nley *wwwH* - - - E. | 69,821 | 46 | 37 | 5 | 18 | - | - | - | 1 | - | - | - | - | 1 | 4 | 8 | 20 | - |
| lar *WW* - - - - E. | 57,759 | 36 | 21 | 4 | 7 | - | - | - | - | - | - | 1 | - | 1 | 2 | 5 | 2 | - |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 11th June, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions | Deaths in Private Dwellings |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WHL*.&S. | 13,064 | 6 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| St. Saviour Southwark - - S. | 12,301 | 5 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Kent-road - - - - S. & L. | 22,879 | 10 | 4 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Borough-road *WH* - S. & L | 16,083 | 18 | 5 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | 4 |
| London-road *HL* - - L. & S. | 21,316 | 11 | 7 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | 1 |
| Trinity Newington - - S. & L. | 28,723 | 18 | 3 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| St. Peter Walworth *W* - S. & L. | 62,045 | 48 | 6 | 1 | 3 | – | – | – | – | – | – | – | – | 1 | – | – | – | 1 |
| St. Mary Newington- - L. & S. | 30,171 | 13 | 4 | 3 | 1 | – | – | – | – | – | – | – | – | 1 | 1 | 1 | – | – |
| St. Olave *WH*- - - - S. | 11,731 | 5 | 12 | 1 | 2 | – | – | – | – | – | – | – | – | – | 5 | 6 | 10 | – |
| Leather Market *W* - S & L | 32,339 | 22 | 9 | 4 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | 1 | – |
| St. James Bermondsey - - S. | 53,136 | 37 | 9 | 1 | 3 | – | 2 | – | – | – | – | – | – | – | 1 | 2 | – | – |
| Rotherhithe *WwH* - S & K. | 40,379 | 23 | 17 | 5 | 4 | – | 5 | – | – | – | – | – | – | 1 | – | – | 4 | – |
| Waterloo-road *HH* - L. & S. | 28,396 | 23 | 16 | 6 | – | – | – | – | – | 1 | – | – | – | – | 2 | 5 | 1 | – |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 12 | 14 | 1 | 2 | – | – | – | – | 1 | – | – | – | – | 4 | 4 | 10 | – |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 41 | 22 | 5 | 7 | – | 1 | – | – | – | – | – | – | – | – | 2 | 11 | – |
| Kennington 1st *H* - - S. & L. | 52,486 | 40 | 11 | 2 | 5 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Kennington 2nd - - S. & L. | 43,244 | 16 | 8 | 3 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Brixton *w* - - - L. & S. | 81,825 | 39 | 21 | 3 | 8 | – | – | – | 1 | 4 | – | – | – | – | – | – | 1 | – |
| Norwood *WH*- - - - L. | 29,318 | 15 | 6 | 2 | – | – | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| East Battersea - - - - S. | 71,730 | 47 | 19 | 5 | 2 | – | – | – | – | 3 | – | – | – | 1 | 2 | 4 | – | – |
| West Battersea *WwH* - - S | 93,385 | 42 | 30 | 3 | 8 | – | – | – | 1 | 2 | – | – | – | – | 1 | 4 | 7 | – |
| Clapham *H* - - - - S. | 46,953 | 21 | 19 | 6 | 5 | – | 1 | – | – | 1 | – | – | – | 1 | 1 | 1 | 3 | – |
| Wandsworth *WHHL* - - S. | 58,101 | 37 | 13 | 3 | 4 | – | – | – | – | 2 | – | – | – | – | – | 1 | 1 | – |
| Putney - - - - - S. | 20,566 | 17 | 6 | 3 | 2 | – | – | – | 1 | – | – | – | – | 1 | – | – | – | – |
| Streatham *Wwww*- - - L. | 61,644 | 24 | 24 | 2 | 9 | – | 3 | 1 | 2 | 1 | – | – | – | – | 1 | 2 | 6 | – |
| Dulwich - - - - L. & S. | 7,519 | 2 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Camberwell *Wwll* - S. & L. | 90,286 | 60 | 31 | 3 | 9 | – | – | – | – | 3 | – | 1 | – | 1 | 3 | 4 | 14 | – |
| Peckham *WW* - S., L., & K. | 88,242 | 50 | 21 | 3 | 5 | – | – | – | 1 | 1 | – | – | – | 1 | – | 1 | 1 | – |
| St. George Camberwell - L. & S. | 67,029 | 54 | 14 | 5 | 2 | – | 1 | – | – | – | – | – | – | 1 | – | 1 | – | – |
| Deptford North - - - K. | 36,152 | 28 | 9 | – | 1 | – | 2 | – | – | 2 | – | – | – | – | – | – | – | – |
| Deptford Central *w* - - K. | 45,441 | 30 | 16 | 5 | 1 | – | 2 | 1 | 2 | 1 | – | 1 | – | – | 1 | 2 | 4 | – |
| Deptford South - - - K. | 33,402 | 12 | 9 | 3 | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| Greenwich West *H* - - K. | 23,012 | 16 | 7 | 2 | 1 | – | 2 | – | – | 1 | – | – | – | – | – | – | – | – |
| Greenwich East *WH* - - K. | 37,767 | 25 | 22 | 5 | – | – | – | – | – | 2 | – | – | – | – | – | 1 | 14 | – |
| Eltham *wH* - - - - K. | 5,911 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Lee *H* - - - - - K. | 24,222 | 11 | 2 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Lewisham *WwH* - - - K. | 38,139 | 19 | 16 | 4 | 4 | – | – | 1 | 2 | – | – | – | – | – | 1 | – | 10 | – |
| Sydenham *H* - - - - L. | 37,601 | 15 | 8 | 1 | 1 | – | – | – | – | 1 | – | – | – | – | – | – | 1 | – |
| Charlton *wHH* - - K. | 15,928 | 9 | 4 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Woolwich Dockyard - - K. | 19,355 | 9 | 4 | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 10 | 5 | 1 | 1 | – | – | – | – | 1 | – | – | – | – | – | – | – | – |
| Plumstead West *H* - - K. | 16,714 | 8 | 5 | – | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Plumstead East *WH* - - K. | 42,538 | 27 | 20 | 5 | 4 | – | 11 | – | – | – | – | – | – | – | – | – | 2 | – |
| Banstead Asylum - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Caterham Asylum - - - - | — | – | 5 | – | 3 | – | – | – | – | – | – | – | – | – | – | – | 5 | – |
| Cane Hill Asylum - - - - | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Hospital Ships and Camp, Dartford | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Darenth Asylum - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Hanwell Asylum - - - - | — | – | 5 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 5 | – |
| Colney Hatch Asylum - - - | — | – | 3 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 3 | – |
| N.E. Hospital - - - - - | — | – | 2 | 1 | – | – | – | 1 | – | – | – | – | – | – | – | – | 2 | – |
| Winchmore Hill Hospital - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Leavesden Asylum - - - - | — | – | 7 | – | 4 | – | – | – | – | – | – | – | – | 1 | – | – | 7 | – |
| Claybury Asylum - - - - | — | – | 6 | – | 2 | – | – | – | – | – | – | – | – | 1 | – | – | 6 | – |

E 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week nding Saturday, 11th June, 1898.

| | REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years & upwds. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ONDON—OUTER RING - | 368,749 | 1,422,063 | 1,003 | 429 | 118 | 123 | – | 20 | 4 | 11 | 18 | 4 | 4 | 21 | 34 | 57 | 2 |
| 1 | Carshalton *wHH* - - | 12,228 | 26,108 | 11 | 4 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Epsom, *part of* WwHH* - | 10,423 | 12,508 | 6 | 6 | 2 | – | – | – | – | – | – | – | – | – | – | 2 | – |
| 1 | Godstone, *part of* W* - | 2,754 | 1,598 | 1 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Croydon *WwHHH* - - | 20,851 | 128,699 | 71 | 21 | 5 | 9 | – | – | – | – | – | – | – | 2 | 3 | 1 | – |
| 2 | Mitcham *w* - - - | 11,697 | 23,088 | 10 | 4 | 1 | 1 | – | 1 | – | – | – | – | – | – | – | – | – |
| 1 | Wimbledon *HHH* - - | 3,220 | 25,761 | 20 | 9 | 2 | 1 | – | – | – | – | – | 1 | – | 1 | 1 | 1 | – |
| 2 | Kingston *W* - - - | 8,071 | 33,566 | 13 | 6 | 1 | 4 | – | – | – | – | 1 | – | – | – | – | 1 | – |
| 3 | Surbiton *H* - - - | | 11,199 | 13 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 4 | Esher, *part of* HH* - - | 6,601 | 12,059 | 9 | 3 | – | 2 | – | – | – | – | – | – | – | – | – | – | – |
| 5 | Hampton *HL* - - - | 4,565 | 18,252 | 13 | 8 | 1 | 2 | – | 1 | – | – | – | – | – | 1 | – | – | – |
| 1 | Richmond *WH* - - - | 2,160 | 25,389 | 16 | 6 | 1 | 2 | – | – | – | – | – | – | – | – | 1 | 3 | – |
| 2 | Mortlake *H* - - - | 2,823 | 16,159 | 9 | 4 | 1 | – | – | – | – | – | – | 1 | – | 1 | 1 | – | – |
| 1 | Bromley *HHH* - - - | 9,127 | 23,815 | 10 | 9 | 3 | 2 | – | 1 | – | – | 1 | – | – | 1 | 1 | – | – |
| 2 | Beckenham *H* - - - | 6,542 | 21,969 | 13 | 5 | 2 | 3 | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Chislehurst, *part of* WHH* | 14,307 | 20,372 | 14 | 7 | – | 6 | – | 1 | – | – | – | – | – | – | – | 5 | – |
| 1 | Bexley *HHH* - - - | 12,540 | 30,590 | 20 | 18 | 6 | 3 | – | 4 | – | 3 | 1 | 1 | – | – | – | 2 | – |
| 2 | Dartford *WH, part of** - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Sunbury *w* - - - | 11,054 | 13,671 | 9 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Staines *WH* - - - | 13,277 | 13,221 | 15 | 8 | 1 | 4 | – | – | – | – | – | – | – | – | – | 4 | – |
| 1 | Hillingdon *WHH* - - | 6,035 | 12,237 | 10 | 7 | 3 | 2 | – | – | – | 1 | – | – | – | – | – | 4 | – |
| 2 | Uxbridge - - - - | 12,757 | 7,253 | 4 | 5 | – | 2 | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Hayes *wH* - - - - | 7,952 | 11,051 | 9 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Isleworth *WHH* - - | 6,967 | 26,004 | 19 | 14 | 3 | 8 | – | 1 | – | – | – | – | – | 1 | 1 | – | – |
| 2 | Twickenham *HH* - - | 2,415 | 16,027 | 6 | 3 | 1 | 1 | – | – | – | – | – | – | – | 1 | 1 | – | – |
| 3 | Brentford *HHHH* - - | 4,318 | 37,777 | 27 | 14 | 4 | 4 | – | – | – | 1 | 2 | – | 1 | – | 1 | 2 | – |
| 4 | Chiswick - - - - | 1,245 | 21,963 | 19 | 6 | 2 | – | – | 3 | – | – | – | – | – | – | – | – | – |
| 5 | Acton *wH* - - - - | 6,132 | 30,945 | 25 | 8 | 2 | 2 | – | 1 | – | – | – | – | – | – | – | – | – |
| 1 | Harrow *HHH* - - - | 13,809 | 15,715 | 8 | 4 | – | – | – | 1 | – | – | – | – | 1 | – | – | – | – |
| 2 | Edgware *HH* - - - | 6,994 | 3,844 | 2 | 3 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Willesden *HHH* - - | 4,383 | 61,265 | 50 | 22 | 9 | 3 | – | 3 | – | 1 | 2 | – | 1 | – | 1 | 2 | 1 |
| 4 | Hendon *WH* - - - | 8,382 | 15,843 | 7 | 10 | 2 | 4 | – | – | 1 | – | – | – | – | 1 | 1 | 6 | – |
| 1 | South Mimms *HH* - - | 21,077 | 6,367 | 4 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Barnet *WHH* - - - | | 14,152 | 4 | 4 | – | 1 | – | – | – | – | – | – | – | – | 1 | – | – |
| 3 | Finchley *HHH* - - - | 4,688 | 25,820 | 12 | 3 | 2 | 1 | – | – | – | – | 1 | – | – | – | – | – | – |
| 1 | Hornsey *HH* - - - | 3,039 | 61,097 | 32 | 14 | 4 | 4 | – | – | – | – | – | – | 1 | 1 | – | – | – |
| 2 | Tottenham *HH* - - - | 4,642 | 97,174 | 56 | 27 | 11 | 3 | – | – | – | 2 | 1 | 1 | – | 2 | 3 | 2 | – |
| 3 | Edmonton *Www* - - | 7,489 | 36,351 | 22 | 13 | 3 | 4 | – | – | – | – | – | – | – | 2 | 4 | 2 | 1 |
| 4 | Enfield *WWHH* - - | 12,602 | 31,536 | 19 | 3 | 1 | 1 | – | – | – | – | 1 | – | – | – | – | – | – |
| 5 | Waltham Abbey - - - | 11,017 | 6,066 | 3 | 1 | 1 | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| 6 | Cheshunt *H* - - - | 8,480 | 9,620 | 11 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Hatfield, *part of* W* - | 3,306 | 582 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Bushey *H* - - - - | 9,331 | 7,737 | 5 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Watford *WH, part of** - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Stratford *H* - - - | 4,706 | 38,612 | 31 | 7 | 3 | – | – | – | – | – | 1 | – | – | 3 | 3 | – | – |
| 2 | Plaistow *WHH* - - - | | 58,030 | 68 | 24 | 8 | 4 | – | – | – | 1 | – | – | – | – | 1 | 3 | – |
| 3 | Canning Town *H* - - | | 54,750 | 50 | 20 | 4 | 5 | – | – | 1 | – | 2 | – | – | – | 1 | – | – |
| 4 | Forest Gate *w* - - - | | 53,511 | 27 | 9 | 1 | 4 | – | – | – | – | 1 | – | – | – | – | – | – |
| 5 | East Ham *wH* - - - | 3,266 | 32,713 | 53 | 13 | 6 | 2 | – | – | – | – | 4 | – | – | – | – | – | – |
| 6 | Leyton *WWWwH* - - | 4,334 | 70,188 | 56 | 35 | 6 | 17 | – | – | – | 1 | – | – | – | 1 | 4 | 13 | – |
| 7 | Walthamstow *HHL* - | 6,501 | 57,330 | 46 | 16 | 7 | 4 | – | – | – | – | – | – | – | 1 | 2 | – | – |
| 1 | Chigwell, *part of* HHHH* | 11,779 | 12,941 | 7 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Epping *WH, part of** - - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Romford, *part of* WH* - | 6,556 | 4,324 | 1 | 3 | – | 1 | – | 1 | – | – | – | – | – | – | 1 | – | – |
| 2 | Ilford - - - - - | 8,493 | 10,913 | 25 | 6 | – | 2 | – | 2 | – | – | – | – | – | 1 | 1 | – | – |
| 3 | Barking Town, *H* - - | 3,814 | 14,301 | 12 | 5 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| | North-Western Fever Hosp. | — | — | – | 1 | – | – | – | – | 1 | – | – | – | – | – | – | 1 | – |
| | Eastern Fever Hosp. - - | — | — | – | 1 | – | – | – | – | 1 | – | – | – | – | – | – | 1 | – |
| | South-Eastern Fever Hosp. | — | — | – | 1 | – | – | – | – | – | 1 | – | – | – | – | – | 1 | – |
| | Middlesex Co. Lunatic Asy., Wandsworth. | — | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |

he parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring s follows:—30: 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37: 1, the parishes of Warlingham Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst District, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in eld sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for tious Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford; and 187: 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 11th June, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | ANNUAL RATE of MORTALITY per 1000 living. From All Causes. | From Diseases in Cols. 8-14. | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. |
| GREATER LONDON | **443,421** | **6,408,321** | **15·0** | **2·0** | **1840** | **412** | **477** | **–** | **94** | **14** | **34** | **69** | **8** | **26** | **109** |
| INNER LONDON - | 74,672 | 4,504,766 | 16·3 | 2·1 | 1411 | 294 | 354 | - | 74 | 10 | 23 | 51 | 4 | 22 | 88 |
| OUTER RING - | 368,749 | 1,903,555 | 11·8 | 1·7 | 429 | 118 | 123 | – | 20 | 4 | 11 | 18 | 4 | 4 | 21 |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent to the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

| CITIES | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | | BIRTHS. Exclusive of Stillborn | DEATHS. Exclusive of Stillborn | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM PRINCIPAL ZYMOTIC DISEASES. Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 295,628 | June | 11 | 164 | 120 | 21·2 | – | 5 | 1 | – | 3 | 1 | |
| GLASGOW - - | 724,349 | „ | 11 | 502 | 324 | 23·3 | – | 19 | 2 | 1 | 27 | 4 | |
| DUBLIN - - | 349,594 | „ | 11 | 207 | 168 | 25·1 | – | – | – | – | 2 | 1 | |
| CALCUTTA - - | 466,460 | April | 23 | – | – | – | – | – | – | – | – | – | |
| BOMBAY - - | 821,764 | May | 17 | 125 | 593 | 37·5 | 2 | 4 | – | – | – | 165† | |
| MADRAS - - | 452,518 | „ | 13 | – | – | – | – | – | – | – | – | – | |
| PARIS - - - | 2,511,629 | June | 4 | 1238 | 938 | 19·4 | – | 40 | 2 | 5* | 9 | 1 | |
| BRUSSELS - - | 531,024 | „ | 4 | 254 | 198 | 19·4 | – | – | – | – | 2 | 4 | |
| AMSTERDAM - | 505,326 | May | 28 | 280 | 148 | 15·2 | – | 3 | – | 2 | – | 2 | |
| ROTTERDAM - | 290,004 | „ | 28 | 180 | 108 | 19·3 | – | 2 | – | 1 | 1 | – | |
| THE HAGUE - | 191,529 | „ | 28 | 104 | 43 | 11·6 | – | – | – | 1 | – | – | |
| COPENHAGEN - | 340,500 | June | 4 | 230 | 132 | 20·2 | – | – | – | – | 3 | 1 | |
| STOCKHOLM - | 274,611 | May | 28 | 125 | 94 | 17·2 | – | 2 | 1 | – | 4 | – | |
| CHRISTIANIA - | 192,141 | June | 4 | 142 | 65 | 16·6 | – | 2 | – | 1 | 1 | – | |
| ST. PETERSBURG | 954,400 | May | 28 | 477 | 529 | 28·9 | 2 | 13 | 10 | 12 | 10 | 20 | |
| MOSCOW - - | 988,610 | „ | 28 | – | 553 | 29·2 | 2 | 12 | 8 | 7 | 4 | 4 | 1 |
| BERLIN - - | 1,753,775 | „ | 21 | 926 | 518 | 15·2 | 1 | 5 | 3 | 2 | 9 | 1 | |
| HAMBURG - - | 661,015 | June | 4 | – | 218 | 17·1 | – | 20 | 1 | 2* | 4 | – | |
| DRESDEN - - | 377,500 | April | 28 | – | – | – | – | – | – | – | – | – | |
| BRESLAU - - | 392,795 | June | 4 | – | 186 | 24·7 | – | 4 | 1 | 4* | 1 | – | |
| MUNICH - - | 430,000 | „ | 4 | – | – | – | – | – | – | – | – | – | |
| VIENNA - - | 1,574,129 | „ | 4 | 996 | 637 | 20·8 | – | 31 | 3 | 10* | 1 | – | |
| PRAGUE - - | 377,109 | „ | 4 | 238 | 163 | 22·2 | – | 7 | 2 | 2 | – | 1 | |
| BUDA-PESTH - | 648,104 | May | 28 | 440 | 253 | 20·3 | – | 1 | 1 | 2 | 1 | 1 | |
| TRIESTE - - | 164,491 | „ | 28 | 99 | 60 | 18·9 | – | 1 | – | 3* | 3 | – | |
| ROME - - - | 489,965 | May | 14 | 179 | 149 | 15·9 | – | 2 | – | – | 1 | 3§ | |
| TURIN (10 days) | 344,203 | April | 10 | – | – | – | – | – | – | – | – | – | |
| VENICE - - | 167,074 | May | 28 | – | – | – | – | – | – | – | – | – | |
| CAIRO - - | 570,062 | March | 18 | 449 | 321 | 29·3 | 1 | 1 | – | – | – | 14 | |
| ALEXANDRIA - | 319,766 | „ | 18 | 245 | 173 | 28·1 | 7 | – | – | – | – | 6 | |
| NEW YORK (including BROOKLYN) | 3,433,899 | May | 21 | 1444 | 1170 | 17·8 | – | 14 | 23 | 34 | 19 | 3 | |
| PHILADELPHIA - | 1,240,266 | „ | 28 | – | – | – | – | – | – | – | – | – | |

* Including deaths from croup.
† Including 107 deaths from bubonic fever.
‡ Including 4 deaths from cholera.
§ Including 2 deaths from malarial fever.

| 1898. Month and Day. | | Phases of the Moon. | Barometer. Mean daily reading (corrected and reduced to 32° Fahrenheit). | Temperature. Of the Air. High-est. | Temperature. Of the Air. Low-est | Temperature. Of the Air. Daily Range. | Temperature. Of the Air. Mean daily value. | Temperature. Of the Air. De-parture from Average of 50 years. | Temperature. Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Difference. Great-est. | Difference. Least. | Degree of Humidity (Saturation equals 100). | Temperature. Of Radiation. Highest in Sun's Rays. | Temperature. Of Radiation. Lowest on the Grass. | Temperature. Of the Earth 3 feet below the Surface. | Wind as deduced from Anemometers. Osler's. General Direction. A.M. | Wind. Osler's. General Direction. P.M. | Wind. Osler's. Pressure on the Square Foot. Great-est. | Wind. Osler's. Pressure. Least. | Wind. Osler's. Pressure. Mean of 24 hourly obs. | Wind. Robinson's. Horizontal Movement of the Air on each Day. | Wind. Robinson's. Depar-ture from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| June | | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| Sunday - | 5 | Perigee | 29·665 | 75·4 | 47·2 | 28·2 | 60·2 | + 1·9 | 51·0 | 9·2 | 22·4 | 2·5 | 72 | 136·3 | 44·4 | 52·52 | Variable, NE. & SE. | SE., SSE. & S. | 1·5 | 0·0 | — | 179 | − 68 | 0·00 | 0·2 |
| Monday - | 6 | .. | 29·666 | 71·0 | 50·9 | 20·1 | 60·8 | + 2·5 | 56·9 | 3·9 | 14·4 | 2·1 | 87 | 122·5 | 46·7 | 53·00 | SSE. & SE. | SSW. | 2·5 | 0·0 | — | 226 | − 23 | 0·10 | 0·8 |
| Tuesday - | 7 | .. | 29·861 | 73·9 | 51·7 | 22·2 | 62·0 | + 3·8 | 50·5 | 11·5 | 21·8 | 0·0 | 66 | 136·5 | 48·3 | 53·70 | SW. & WSW. | WSW., SW. & SSW. | 0·8 | 0·0 | — | 201 | − 50 | 0·00 | 0·0 |
| Wednesday | 8 | .. | 29·916 | 70·0 | 48·3 | 21·7 | 60·1 | + 1·9 | 49·9 | 10·2 | 15·7 | 0·0 | 69 | 101·8 | 46·0 | 54·27 | SSW., E. & ENE. | ENE., NE. & NNE. | 2·7 | 0·0 | — | 131 | −121 | 0·00 | 0·0 |
| Thursday- | 9 | .. | 29·919 | 66·0 | 55·4 | 10·6 | 59·7 | + 1·5 | 54·4 | 5·3 | 7·9 | 3·2 | 83 | 85·5 | 53·9 | 54·78 | NNE. & N. | N. & NNW. | 3·5 | 0·0 | — | 321 | + 68 | 0·01 | 0·0 |
| Friday - | 10 | .. | 29·905 | 62·0 | 53·5 | 8·5 | 56·8 | − 1·4 | 55·1 | 1·7 | 7·0 | 0·2 | 94 | 91·0 | 48·5 | 55·20 | NNW., NW. & N. | N. & NNW. | 2·1 | 0·0 | — | 300 | + 46 | 0·21 | 0·0 |
| Saturday - | 11 | In Equator, Last Qr. | 29·982 | 76·0 | 48·9 | 27·1 | 62·0 | + 3·6 | 53·6 | 8·4 | 18·4 | 0·8 | 74 | 134·4 | 44·4 | 55·37 | NNW., N. & NNE. | NE. & NNE. | 2·9 | 0·0 | — | 320 | + 66 | 0·00 | 0·0 |
| Means - | - | | 29·845 | 70·6 | 50·8 | 19·8 | 60·2 | + 2·0 | 53·1 | 7·2 | 15·4 | 1·3 | 78 | 115·4 | 47·5 | 54·12 | Variable. | | .. | .. | .. | Sum 1678 | Sum − 82 | Sum 0·32 | 0·1 |
| No. of Column - | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| Date. June | | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | General Remarks. |
|---|---|---|---|---|---|
| Sunday - | 5 | m. P. till 4h. A.M.; w. P. afterwards. | 7·0 | 16·4 | Fine in early morning; generally cloudy till noon; very fine and warm afterwards. |
| Monday - | 6 | w. P. till 9h. A.M.; v. P. and v. N. till noon; w. P. afterwards. | 6·5 | 16·4 | Fine till 9h. A.M.; generally cloudy till 8h. P.M., with frequent rain till afternoon; very fine afterwards. |
| Tuesday - | 7 | w. P. throughout - | 12·7 | 16·4 | Cloudy in morning; very fine afterwards. |
| Wednesday | 8 | m. P. generally - | 0·5 | 16·4 | Very fine till 3h. A.M.; generally overcast afterwards. Distant thunder during the afternoon. |
| Thursday- | 9 | m. P. generally - | 0·0 | 16·5 | Generally overcast till evening; cloudy afterwards. Frequent slight rain in forenoon. |
| Friday - | 10 | w. P. and w. N. till 10h. A.M.; w. P. afterwards. | 0·3 | 16·5 | Generally overcast till 5h. P.M., with frequent rain between 6h. A.M. and 11h. A.M.; fine afterwards. |
| Saturday - | 11 | w. P. generally - | 14·1 | 16·5 | Very fine till night; cloudy afterwards. A warm day. |
| | | | Sum 41·1 | Sum 115·1 | |
| No. of Col. - | - | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased from 29·75 in. at the beginning of the week to 29·64 in. by 4h. P.M. on the 5th; increased to 29·95 in. by 11h. P.M. on the 8th; decreased to 29·85 in. by 5h. A.M. on the 10th; and increased to 30·06 in. by the end of the week.

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1898

OFFICIAL COPY.

# WEEKLY RETURN
OF
# BIRTHS AND DEATHS IN LONDON
AND IN
# THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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No. 24. 1898. VOL. LIX.] WEEK ENDING SATURDAY, JUNE 18. [Price 1½*d*.

*General Register Office, Somerset House,*
*June 20th*, 1898.

## THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 14·7 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS. | Weeks ending | | | | TOWNS. | Weeks ending | | | |
|---|---|---|---|---|---|---|---|---|---|
| | May 28. | June 4. | June 11. | June 18. | | May 28. | June 4. | June 11. | June 18. |
| **33 Great Towns** | **16·6** | **16·8** | **16·9** | **14·7** | Leicester - - | 13·0 | 12·2 | 19·7 | 9·2 |
| Birkenhead - | 14·7 | 16·6 | 16·1 | 13·4 | Liverpool - - | 22·5 | 22·7 | 20·4 | 18·6 |
| Birmingham - | 17·6 | 18·3 | 17·2 | 15·0 | London - - - | 16·0 | 16·1 | 16·3 | 13·8 |
| Blackburn - | 14·5 | 12·5 | 14·9 | 17·6 | Manchester - - | 21·9 | 20·3 | 20·3 | 19·3 |
| Bolton - - | 18·3 | 10·6 | 16·6 | 13·6 | Newcastle-on-Tyne | 22·2 | 24·3 | 24·1 | 22·2 |
| Bradford - | 16·3 | 14·7 | 16·3 | 15·8 | Norwich - - | 13·1 | 19·1 | 10·3 | 14·0 |
| Brighton - | 11·1 | 11·1 | 11·1 | 12·4 | Nottingham - - | 15·2 | 16·6 | 14·6 | 13·2 |
| Bristol - | 13·2 | 15·5 | 16·9 | 10·7 | Oldham - - | 17·6 | 15·1 | 19·3 | 15·8 |
| Burnley - | 15·7 | 11·9 | 16.2 | 9·5 | Plymouth - - | 15·8 | 17·9 | 17·9 | 17·4 |
| Cardiff - - | 13·5 | 15·5 | 12·3 | 8·5 | Portsmouth - - | 12·9 | 15·9 | 16·8 | 11·2 |
| Croydon - | 8·0 | 11·3 | 8·4 | 9·6 | Preston - - | 15·7 | 17·9 | 17·5 | 19·7 |
| Derby - - | 14·4 | 9·9 | 18·4 | 13·4 | Salford - - - | 16·9 | 18·9 | 20·8 | 19·3 |
| Gateshead - | 22·1 | 23·1 | 19·6 | 20·6 | Sheffield - - | 16·2 | 16·8 | 18·4 | 15·2 |
| Halifax - | 29·1 | 18·3 | 19·4 | 17·2 | Sunderland - - | 26·8 | 24·6 | 23·6 | 18·1 |
| Huddersfield- | 15·3 | 14·3 | 14·3 | 14·8 | Swansea - - | 11·8 | 14·3 | 18·4 | 14·8 |
| Hull - - | 15·2 | 13·4 | 12·2 | 13·6 | West Ham - - | 10·4 | 11·5 | 12·6 | 9·6 |
| Leeds - - | 17·1 | 19·5 | 17·4 | 17·5 | Wolverhampton - | 10·1 | 19·0 | 13·6 | 17·2 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·1 in Bradford, 1·6 in Plymouth, 2·1 in Newcastle-on-Tyne, and 2·2 in Halifax; from *whooping-cough*, 1·5 in Swansea and in Gateshead; and from "*fever*," 1·1 in Portsmouth, and 1·2 in Wolverhampton. In no case did the death-rate from *scarlet fever* or *diarrhœa* reach 1·0 per 1000 in any of the thirty-three towns. The 45 deaths from *diphtheria* included 26 in London, 6 in Leeds, 3 in West Ham, 2 in Liverpool, 2 in Salford, and 2 in Burnley. No death from *small-pox* was registered in any of the thirty-three towns.

## LONDON.

In LONDON† 2532 BIRTHS and 1193 DEATHS were registered. Allowing for increase of population, the births were 117, and the deaths 262, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been

* By "estimated" population is meant merely the number of persons who would be living if the mean ate of increase in the last intercensal period had since been maintained.
† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

16·0, 16·1, and 16·3 in the preceding three weeks, fell again last week to 13·8. During the four weeks ending on Saturday last the death-rate averaged 15·6 per 1000, being 1·9 per 1000 below the mean rate in the corresponding periods of the ten years 1888–97.

The 1193 deaths included 50 from measles, 10 from scarlet fever, 26 from diphtheria, 44 from whooping-cough, 4 from enteric fever, 12 from diarrhœa and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 146 deaths were referred to these diseases, being 64 below the corrected average weekly number.

The deaths from *measles*, which had been 74, 68, and 74 in the preceding three weeks, fell again last week to 50, and were 20 below the corrected average; 7 cases belonged to St. Marylebone, 5 to Islington, 5 to Wandsworth, and 5 to Greenwich sanitary areas. The deaths from *scarlet fever*, which had been 6, 17, and 10 in the preceding three weeks, were again 10 last week, the corrected average being 20; 2 cases belonged to St. Marylebone sanitary area. The deaths from *diphtheria*, which had been 27, 30, and 23 in the preceding three weeks, rose again last week to 26, but were 12 below the corrected average; 3 cases belonged to Hackney, and 3 to Bethnal Green sanitary areas. The deaths from *whooping-cough*, which had been 59, 45, and 51 in the preceding three weeks, fell again last week to 44, the corrected average being 42; 6 cases belonged to Islington, 4 to Limehouse, 4 to Greenwich, and 4 to Woolwich sanitary areas. The fatal cases of *enteric fever*, which had been 6, 3, and 4 in the preceding three weeks, were again 4 last week, and were 5 below the corrected average. The deaths from *diarrhœa*, which had been 10, 17, and 22 in the preceding three weeks, fell last week to 12, the corrected average being 30. The deaths referred to diseases of the respiratory organs, which had been 216, 226, and 212 in the preceding three weeks, further fell last week to 185, and were 42 below the corrected average. The deaths attributed directly to *influenza* numbered 12, having been 16, 13, and 10 in the preceding three weeks.

Different forms of violence caused 53 deaths, concerning all of which inquests were held. Of these 53 deaths, 8 were cases of suicide and 1 of homicide, while the remaining 44 were attributed to accident or negligence. Two of these were referred to vehicles in the streets, 8 to drowning, 1 to the effects of ether administered for surgical purposes, and 10 (including 9 of infants under one year of age) to suffocation in bed.

## Cases of Infectious Sickness in Hospitals.*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 1 case of small-pox, 2194 cases of scarlet fever, 1018 of diphtheria, and 47 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 230 cases, against 256, 220, and 206; of diphtheria, 134 cases, against 144, 147, and 130; and of enteric fever, 12 cases, against 10, 14, and 7.

## Greater London.

In Greater London 3570 births and 1550 deaths were registered, corresponding to annual rates of 29·1 and 12·6 per 1000 of the estimated population. In the Outer Ring 11 deaths from measles, 3 from scarlet fever, 10 from diphtheria, 11 from whooping-cough, and 4 from diarrhœa were registered. Three deaths from diphtheria occurred in West Ham, 2 in Dartford, 2 in Hendon, and 2 in Edmonton districts. Three deaths from measles occurred in Bexley sub-district.

## Meteorology.

The mean reading of the Barometer last week at Greenwich was 30·06 inches, and that of the Thermometer 55·2, the latter being 3°·8 below the week's average in the 50 years 1841–90. The direction of the wind was variable, the horizontal movement of the air being 15 per cent. above the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 32·3 hours; the measured rainfall amounted to 0·01 of an inch.

* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Births, the Week ending 15th June 1898. | Deaths, the Week ending 15th June 1898. | Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Deaths from Measles. | Deaths from Scarlet Fever. | Deaths from Diphtheria. | Deaths from Whooping-cough. | Deaths from Fever. | Deaths from Diarrhœa. | Deaths from Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Per 1000, corresponding to the Week's Deaths. From All Causes. | Per 1000, corresponding to the Week's Deaths. From Diseases in Cols. 6–12. | Highest. Fahrenheit. | Lowest. Fahrenheit. | Mean. Fahrenheit. | Mean. Centigrade. | Rainfall. In Inches. | Rainfall. In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18 | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| **33 Towns** - | **11,218,378** | **6752** | **3167** | **789** | **691** | **–** | **105** | **26** | **45** | **93** | **22** | **49** | **132** | **240** | **764** | **48** | **14·7** | **1·6** | **78·4** | **35·0** | **53·6** | **12·00** | **0·03** | **0·08** | **33 Towns.** |
| London - - | 4,504,766 | 2532 | 1193 | 276 | 265 | – | 50 | 10 | 26 | 44 | 4 | 12 | 53 | 106 | 395 | 9 | 13·8 | 1·7 | 78·4 | 46·7 | 55·2 | 12·89 | 0·01 | 0·03 | London. |
| West Ham - - | 286,654 | 172 | 53 | 14 | 10 | – | – | 1 | 3 | 2 | – | 1 | 2 | 2 | 12 | 2 | 9·6 | 1·3 | – | – | – | – | – | – | West Ham. |
| Croydon - - | 124,421 | 62 | 23 | 9 | 6 | – | – | – | – | 2 | – | – | – | – | – | – | 9·6 | 0·8 | 76·5 | 45·0 | 53·7 | 12·06 | 0·00 | 0·00 | Croydon. |
| Brighton - - | 122,310 | 51 | 29 | 8 | 12 | – | – | – | – | – | – | 1 | 2 | 4 | 7 | – | 12·4 | 0·4 | 68·0 | 46·2 | 54·0 | 12·22 | 0·01 | 0·03 | Brighton. |
| Portsmouth - | 186,618 | 133 | 40 | 11 | 10 | – | – | – | – | – | 4 | 3 | 1 | 1 | 10 | – | 11·2 | 2·0 | 68·0 | 42·0 | 53·7 | 12·06 | 0·00 | 0·00 | Portsmouth. |
| Plymouth - - | 99,136 | 59 | 33 | 9 | 12 | – | 3 | – | – | – | – | 1 | – | – | 7 | – | 17·4 | 2·1 | – | – | – | – | – | – | Plymouth. |
| Bristol - - | 316,900 | 194 | 65 | 16 | 19 | – | 1 | – | – | 3 | – | 1 | 3 | 6 | 17 | 1 | 10·7 | 0·8 | 69·0 | 38·0 | 53·4 | 11·89 | 0·00 | 0·00 | Bristol. |
| Cardiff - - | 177,770 | 113 | 29 | 15 | 4 | – | – | – | – | – | – | 2 | 3 | 3 | 4 | – | 8·5 | 0·6 | – | – | – | – | – | – | Cardiff. |
| Swansea - - | 102,001 | 45 | 29 | 9 | 3 | – | 1 | – | – | 3 | – | – | 1 | 1 | – | – | 14·8 | 2·0 | – | – | – | – | – | – | Swansea. |
| Wolverhampton | 88,051 | 61 | 29 | 9 | 5 | – | – | 1 | – | 1 | 2 | 1 | – | 3 | 5 | – | 17·2 | 3·0 | 73·1 | 39·2 | 53·5 | 11·94 | 0·18 | 0·46 | Wolverhampton. |
| Birmingham - | 510,343 | 340 | 147 | 41 | 38 | – | 4 | 2 | – | 3 | 1 | 2 | 11 | 12 | 18 | 6 | 15·0 | 1·2 | – | – | – | – | – | – | Birmingham. |
| Norwich - - | 111,699 | 70 | 30 | 9 | 9 | – | – | – | – | – | – | – | – | 1 | 5 | – | 14·0 | – | 74·4 | 48·0 | 52·2 | 11·22 | 0·01 | 0·03 | Norwich. |
| Leicester - - | 208,662 | 137 | 37 | 12 | 8 | – | 2 | – | 1 | – | – | 1 | 3 | 4 | 4 | 1 | 9·2 | 1·0 | – | – | – | – | – | – | Leicester. |
| Nottingham - | 236,137 | 119 | 60 | 9 | 19 | – | 2 | – | – | 1 | – | 2 | 4 | 6 | 15 | 1 | 13·2 | 1·1 | 72·0 | 35·0 | 51·9 | 11·06 | 0·00 | 0·00 | Nottingham. |
| Derby - - - | 104,834 | 64 | 27 | 6 | 4 | – | 1 | – | 1 | 1 | 1 | – | 2 | 2 | 3 | – | 13·4 | 2·0 | – | – | – | – | – | – | Derby. |
| Birkenhead - | 113,189 | 59 | 29 | 9 | 6 | – | – | – | – | – | 1 | 2 | 1 | 3 | 8 | – | 13·4 | 1·4 | – | – | – | – | – | – | Birkenhead. |
| Liverpool - - | 633,645 | 439 | 226 | 56 | 44 | – | 5 | 4 | 2 | 8 | – | – | 14 | 24 | 69 | 11 | 18·6 | 1·6 | 67·4 | 46·3 | 55·0 | 12·78 | 0·10 | 0·25 | Liverpool. |
| Bolton - - | 122,495 | 71 | 32 | 10 | 7 | – | – | – | – | – | – | – | – | 1 | 4 | 1 | 13·6 | – | – | – | – | – | – | – | Bolton. |
| Manchester - | 539,070 | 388 | 200 | 52 | 35 | – | 2 | – | 1 | 2 | 4 | 6 | 4 | 13 | 58 | 1 | 19·3 | 1·5 | – | – | – | – | – | – | Manchester. |
| Salford - - | 215,702 | 157 | 80 | 20 | 11 | – | 3 | 2 | 2 | 3 | – | 2 | 2 | 5 | 15 | 1 | 19·3 | 2·9 | – | – | – | – | – | – | Salford. |
| Oldham - - | 148,288 | 85 | 45 | 10 | 12 | – | – | 1 | – | 1 | – | 2 | 1 | 4 | 5 | – | 15·8 | 1·4 | – | – | – | – | – | – | Oldham. |
| Burnley - - | 109,546 | 55 | 20 | 6 | 3 | – | – | – | 2 | 1 | – | – | – | – | 1 | 1 | 9·5 | 1·4 | – | – | – | – | – | – | Burnley. |
| Blackburn - - | 133,228 | 84 | 45 | 7 | 16 | – | – | – | – | – | 1 | 1 | 2 | 2 | 9 | 2 | 17·6 | 0·8 | – | – | – | – | – | – | Blackburn. |
| Preston - - | 116,356 | 73 | 44 | 10 | 15 | – | – | – | – | 1 | – | 1 | – | – | 7 | – | 19·7 | 0·9 | – | – | – | – | – | – | Preston. |
| Huddersfield - | 102,454 | 42 | 29 | 4 | 10 | – | 1 | – | – | – | – | – | – | – | – | 1 | 14·8 | 0·5 | 70·0 | 38·5 | 52·2 | 11·22 | 0·01 | 0·03 | Huddersfield. |
| Halifax - - | 96,729 | 45 | 32 | 5 | 5 | – | 4 | 1 | – | – | – | 1 | – | 1 | 6 | 1 | 17·2 | 3·2 | – | – | – | – | – | – | Halifax. |
| Bradford - - | 233,737 | 122 | 71 | 13 | 13 | – | 5 | 1 | – | – | – | 1 | 1 | 6 | 8 | 1 | 15·8 | 1·6 | 74·2 | 44·8 | 57·2 | 14·00 | 0·00 | 0·00 | Bradford. |
| Leeds - - - | 416,618 | 275 | 140 | 29 | 32 | – | 6 | 2 | 6 | 3 | – | – | 4 | 8 | 17 | 1 | 17·5 | 2·1 | – | – | – | – | – | – | Leeds. |
| Sheffield - - | 356,478 | 224 | 104 | 32 | 16 | – | 2 | – | – | 4 | 1 | 4 | 4 | 5 | 15 | 7 | 15·2 | 1·6 | – | – | – | – | – | – | Sheffield. |
| Hull - - - | 229,887 | 155 | 60 | 15 | 14 | – | 2 | 1 | – | 3 | – | 1 | 6 | 6 | 7 | – | 13·6 | 1·6 | 74·0 | 37·0 | 51·4 | 10·78 | 0·03 | 0·08 | Hull. |
| Sunderland - | 143,849 | 106 | 50 | 16 | 6 | – | 1 | – | – | 2 | 1 | – | 2 | 2 | 7 | – | 18·1 | 1·4 | – | – | – | – | – | – | Sunderland. |
| Gateshead - - | 103,775 | 68 | 41 | 16 | 8 | – | 1 | – | – | 3 | – | – | 1 | 4 | 3 | – | 20·6 | 2·0 | – | – | – | – | – | – | Gateshead. |
| Newcastle - - | 223,021 | 152 | 95 | 26 | 14 | – | 9 | – | 1 | 2 | 2 | 1 | 5 | 5 | 23 | – | 22·2 | 3·5 | – | – | – | – | – | – | Newcastle. |

* See note * on first page of this return.

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the TWENTY-FOURTH Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2399 | 2396 | 2477 | 2485 | 2803 | 2474 | 2436 | 2678 | 2482 | 2546 | 2649·3 | 2532 |
| Males - - | 1260 | 1201 | 1298 | 1296 | 1475 | 1272 | 1182 | 1397 | 1290 | 1310 | 1366·0 | 1261 |
| Females - | 1139 | 1195 | 1179 | 1189 | 1328 | 1202 | 1254 | 1281 | 1192 | 1236 | 1283·3 | 1271 |
| TOTAL **Deaths** - | 1167 | 1247 | 1375 | 1865 | 1402 | 1581 | 1336 | 1213 | 1397 | 1248 | 1455·4 | 1193 |
| Males - - | 628 | 635 | 721 | 945 | 769 | 829 | 690 | 637 | 745 | 637 | 761·4 | 629 |
| Females - - | 539 | 612 | 654 | 920 | 633 | 752 | 646 | 576 | 652 | 611 | 694·0 | 564 |

* The numbers in this column are the average weekly numbers in the twenty-fourth week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | Mar. 26. | Apr. 2. | Apr. 9. | Apr. 16. | Apr. 23. | Apr. 30. | May 7. | May 14. | May 21. | May 28. | June 4. | June 11. | June 18. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** - - - | 2218 | 2860 | 2415 | 2623 | 2769 | 2522 | 2449 | 2425 | 2285 | 2569 | 2199 | 2646 | 2532 |
| TOTAL **Deaths** - - - | 1731 | 1883 | 1691 | 1648 | 1546 | 1485 | 1464 | 1356 | 1360 | 1385 | 1392 | 1411 | 1103 |
| Ages at Death: Under 1 year - - | 331 | 386 | 368 | 377 | 336 | 346 | 297 | 288 | 322 | 339 | 259 | 294 | 276 |
| 1—5 years - - | 358 | 338 | 295 | 285 | 283 | 265 | 272 | 206 | 215 | 202 | 225 | 200 | 155 |
| 5—20 " - - | 98 | 84 | 86 | 76 | 88 | 80 | 60 | 71 | 86 | 83 | 94 | 83 | 68 |
| 20—40 " - - | 202 | 198 | 195 | 186 | 194 | 181 | 198 | 200 | 176 | 167 | 173 | 192 | 170 |
| 40—60 " - - | 314 | 344 | 309 | 290 | 300 | 283 | 276 | 268 | 271 | 246 | 281 | 288 | 259 |
| 60—80 " - - | 344 | 424 | 364 | 362 | 272 | 274 | 309 | 259 | 247 | 293 | 294 | 302 | 225 |
| 80 years and upwards | 84 | 109 | 74 | 72 | 73 | 56 | 52 | 64 | 43 | 55 | 66 | 52 | 40 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox - - - - - | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Measles - - - - - | 143 | 115 | 108 | 117 | 131 | 107 | 99 | 76 | 82 | 74 | 68 | 74 | 50 |
| Scarlet Fever - - - | 15 | 22 | 19 | 12 | 10 | 13 | 10 | 11 | 16 | 6 | 17 | 10 | 10 |
| Diphtheria - - - - | 53 | 45 | 29 | 34 | 31 | 39 | 27 | 20 | 31 | 27 | 30 | 23 | 26 |
| Whooping-cough - - - | 59 | 63 | 64 | 59 | 53 | 70 | 52 | 48 | 47 | 59 | 45 | 51 | 44 |
| Typhus - - - - - | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Enteric Fever - - - | 1 | 7 | 9 | 7 | 5 | 7 | 5 | 7 | 1 | 6 | 3 | 4 | 4 |
| Simple Continued Fever - | – | – | – | – | 1 | – | – | – | – | – | – | – | – |
| Diarrhœa and Dysentery .. | 9 | 9 | 15 | 12 | 10 | 10 | 13 | 8 | 16 | 10 | 17 | 22 | 12 |
| Cholera - - - - - | – | – | – | – | – | – | – | – | – | – | – | – | – |
| All the above Diseases - | 281 | 262 | 244 | 241 | 241 | 246 | 206 | 170 | 193 | 182 | 180 | 184 | 146 |
| Dis. of Respiratory System - | 402 | 451 | 372 | 305 | 283 | 274 | 226 | 232 | 177 | 216 | 226 | 212 | 185 |
| Phthisis - - - - - | 143 | 160 | 146 | 138 | 154 | 153 | 158 | 168 | 159 | 134 | 126 | 156 | 134 |
| Dis. of Circulatory System - | 137 | 147 | 140 | 141 | 129 | 131 | 116 | 114 | 141 | 120 | 141 | 124 | 87 |
| Violence - - - - - | 84 | 53 | 78 | 76 | 54 | 61 | 61 | 58 | 65 | 63 | 77 | 88 | 53 |
| Inquest Cases - - - - | 160 | 141 | 137 | 158 | 123 | 142 | 130 | 122 | 108 | 154 | 150 | 166 | 106 |
| Deaths in Public Institutions - | 542 | 544 | 529 | 461 | 472 | 447 | 440 | 431 | 449 | 438 | 451 | 430 | 395 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean - - - - - - | 37°·5 | 40°·7 | 49°·3 | 49°·3 | 46°·4 | 48°·3 | 51°·9 | 50°·7 | 49°·0 | 54°·7 | 51°·9 | 60°·2 | 55°·2 |
| Mean of Highest readings - | 44·8 | 48·3 | 59·3 | 57·4 | 56·8 | 57·5 | 59·9 | 59·0 | 56·7 | 64·8 | 61·2 | 70·6 | 63·5 |
| Mean of Lowest readings - | 31·5 | 34·4 | 40·6 | 42·2 | 37·6 | 40·4 | 44·8 | 44·7 | 42·8 | 46·7 | 44·6 | 50·8 | 48·3 |
| Humidity of the Air - - | 84 | 79 | 67 | 72 | 73 | 81 | 75 | 76 | 82 | 76 | 76 | 78 | 76 |
| Rain-fall (in inches) - - | 0·56 | 0·15 | 0·13 | 0·31 | 0·00 | 0·49 | 0·58 | 0·54 | 0·78 | 0·40 | 0·61 | 0·32 | 0·01 |
| Registered Sunshine (in hours) | 16·5 | 28·9 | 47·8 | 25·8 | 46·4 | 23·9 | 36·6 | 30·8 | 32·2 | 37·0 | 26·4 | 41·1 | 32·3 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox - - - - - | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 | 1 |
| Scarlet Fever - - - - | 2371 | 2377 | 2421 | 2384 | 2334 | 2302 | 2271 | 2247 | 2241 | 2195 | 2207 | 2169 | 2194 |
| Diphtheria - - - - | 1022 | 1009 | 1004 | 962 | 953 | 930 | 942 | 948 | 953 | 923 | 973 | 1001 | 1018 |
| Enteric Fever - - - - | 72 | 64 | 62 | 61 | 67 | 59 | 54 | 57 | 55 | 54 | 55 | 44 | 47 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton: A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and F. Boobbyer Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S. Preston; A. Johnson, Esq., M.Inst. C.E., Bradford: and Mr. E. Peak, Hull.

E 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-FOURTH Week of the Year 1898.

| S OF DEATH. | Corrected Averages for the 24th Week of the 10 years 1888-97*. | In the Week ending Saturday, 18th June 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| S - - - | 1455·4 | 1193 | 276 | 155 | 68 | 170 | 259 | 225 | 40 |
| Vaccinated† - | 0·3 | - | - | - | - | - | - | - | - |
| Unvaccinated | 0·4 | - | - | - | - | - | - | - | - |
| No Statement | 0·2 | - | - | - | - | - | - | - | - |
| - - - - | 69·9 | 50 | 16 | 32 | 2 | - | - | - | - |
| ver - - - | 19·6 | 10 | - | 6 | 3 | - | 1 | - | - |
| - - - - | 0·1 | - | - | - | - | - | - | - | - |
| Fever - - | - | - | - | - | - | - | - | - | - |
| - - - - | 23·9 | 12 | - | - | - | 1 | 4 | 7 | - |
| -cough - - | 41·6 | 44 | 20 | 24 | - | - | - | - | - |
| - - | 37·7 | 26 | - | 16 | 9 | 1 | - | - | - |
| ntinued and ed Fever - | 0·8 | - | - | - | - | - | - | - | - |
| ver - - - | 8·8 | 4 | - | - | 3 | - | 1 | - | - |
| d Chol. Diarr. | 0·9 | - | - | - | - | - | - | - | - |
| Dysentery - | 29·6 | 12 | 11 | 1 | - | - | - | - | - |
| Fever - - | - | - | - | - | - | - | - | - | - |
| oia - - - | - | - | - | - | - | - | - | - | - |
| - - - - | - | - | - | - | - | - | - | - | - |
| nd Effects of on - - | 0·2 | 1 | 1 | - | - | - | - | - | - |
| ffections - - | 8·5 | 9 | 5 | - | 1 | 2 | - | 1 | - |
| - - - | 4·5 | 3 | - | - | - | - | 1 | 2 | - |
| nd Septicæmia | 1·1 | 2 | - | - | 1 | 1 | - | - | - |
| Fever - - | 3·3 | 2 | - | - | - | 1 | 1 | - | - |
| otic Diseases | 1·5 | 5 | - | 4 | - | - | - | 1 | - |
| - - - - | 1·2 | - | - | - | - | - | - | - | - |
| other Para- seases - | 0·2 | 2 | 1 | - | - | 1 | - | - | - |
| Want of ilk - - | 0·9 | - | - | - | - | - | - | - | - |
| - - - | 10·7 | 8 | - | - | - | 2 | 6 | - | - |
| Fever, ism of Heart | 8·3 | 7 | - | - | 2 | 1 | 3 | 1 | - |
| m - - - | 1·6 | - | - | - | - | - | - | - | - |
| - - - - | 3·9 | 7 | - | - | - | - | 2 | 5 | - |
| - - - - | 6·1 | 3 | 3 | - | - | - | - | - | - |
| - - - - | 73·2 | 84 | - | - | - | 7 | 38 | 33 | 6 |
| nterica - - | 21·0 | 9 | 3 | 3 | 2 | - | 1 | - | - |
| Meningitis - | 25·7 | 21 | 6 | 10 | 4 | 1 | - | - | - |
| - - - | 153·9 | 134 | 2 | 3 | 7 | 56 | 56 | 10 | - |
| uberculosis - | 18·0 | 15 | 3 | 1 | 4 | 6 | - | 1 | - |
| onstitutional - - | 11·4 | 17 | 2 | 1 | 1 | 2 | 7 | 4 | - |
| Birth - - | 42·0 | 41 | 41 | - | - | - | - | - | - |
| - - - | 4·3 | 9 | 9 | - | - | - | - | - | - |
| Malforma- - - | 7·2 | 3 | 3 | - | - | - | - | - | - |
| - - - | 44·1 | 27 | - | - | - | - | - | 17 | 10 |
| - - - | 38·6 | 26 | - | - | - | 3 | 6 | 15 | 2 |
| - - - | 7·6 | 6 | - | - | - | 2 | 1 | 3 | - |
| s - - - | 33·9 | 26 | 24 | 2 | - | - | - | - | - |
| ases of Brain ous System | 81·3 | 63 | 5 | 10 | 6 | 10 | 9 | 20 | 3 |
| Organs of ense - | 3·3 | 1 | 1 | - | - | - | - | - | - |

| CAUSES OF DEATH | Corrected Averages for the 24th Week of the 10 years 1888-97*. | In the Week ending Saturday, 18th June 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 117·4 | 87 | 2 | - | 6 | 19 | 30 | 28 | 2 |
| Croup - - - - | 4·2 | 2 | 1 | 1 | - | - | - | - | - |
| Bronchitis - - - | 107·7 | 88 | 20 | 12 | 1 | 2 | 14 | 31 | 8 |
| Pneumonia - - - | 89·4 | 82 | 18 | 17 | 4 | 15 | 21 | 5 | 2 |
| Pleurisy - - - - | 5·4 | 6 | - | - | - | - | 3 | 3 | - |
| Other Diseases of Respiratory System - | 20·3 | 7 | - | 2 | 1 | 2 | 1 | 1 | - |
| Dentition - - - - | 8·5 | 4 | 4 | - | - | - | - | - | - |
| Quinsy, Sore Throat - | 2·2 | - | - | - | - | - | - | - | - |
| Enteritis - - - - | 14·7 | 22 | 13 | 3 | 1 | 2 | - | 2 | 1 |
| Peritonitis - - - | 5·8 | 9 | 1 | - | 3 | 1 | 2 | 2 | - |
| Diseases of Liver - - | 25·3 | 15 | 1 | - | - | 1 | 8 | 3 | 2 |
| Other Diseases of Digestive System | 26·9 | 20 | 5 | - | 1 | 6 | 3 | 4 | 1 |
| Diseases of Lymphatic System & of Ductless Glands - - - | 1·3 | 3 | - | - | 2 | - | - | 1 | - |
| Diseases of Urinary System - - - | 40·0 | 45 | - | - | - | 8 | 24 | 10 | 3 |
| Diseases of Generative System - - - | 6·3 | 5 | 1 | - | - | - | 3 | 1 | - |
| Accidents of Childbirth - | 5·3 | 1 | - | - | - | 1 | - | - | - |
| Diseases of Locomotive System - - - | 6·3 | 6 | 1 | 1 | 2 | - | 1 | 1 | - |
| Diseases of Integumentary System - - | 5·9 | 8 | 2 | - | - | - | 1 | 5 | - |
| VIOLENT DEATHS ‡ (ACCIDENT.) | | | | | | | | | |
| By Railways - - - | 53·2 | 2 | - | - | - | 1 | 1 | - | - |
| By Vehicles or Horses - | | 2 | - | 2 | - | - | - | - | - |
| In Ships, Boats, Docks, (exclusive of Drowning) - - - | | 1 | - | - | - | 1 | - | - | - |
| In Building Operations - | | - | - | - | - | - | - | - | - |
| In Conflagrations - - | | 1 | 1 | - | - | - | - | - | - |
| By Burns, Scalds, Explosions - - | | 1 | - | - | - | - | - | 1 | - |
| By Drowning - - - | | 8 | - | 1 | 1 | 4 | 2 | - | - |
| By Suffocation in Bed - | | 10 | 9 | 1 | - | - | - | - | - |
| By Poisons or Poisonous Vapours - - | | 3 | - | - | - | 2 | - | 1 | - |
| Other or not stated causes - - - - | | 16 | 4 | 1 | 1 | 5 | 2 | 3 | - |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - - | 0·9 | 1 | 1 | - | - | - | - | - | - |
| Suicide - - - - | 10·2 | 8 | - | - | - | 3 | 5 | - | - |
| Execution - - - - | 0·1 | - | - | - | - | - | - | - | - |
| OTHER CAUSES - - | 46·8 | 41 | 36 | 1 | - | - | 1 | 3 | - |

umbers in this column are the average weekly deaths for the ten years 1888-97, raised by 5·230 per cent. for increase on.

ose cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered n. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the ath is not certified by a registered practitioner, the case is returned under the heading "no statement."

dence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of urder manslaughter or suicide. All such cases are classed under "accident.'

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEA SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in SUB-DISTRICT during the Week ending Saturday, 18th June, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2532 | 1193 | 276 | 265 | - | 50 | 10 | 26 | 44 | - | 4 | - | 12 | 53 | 106 | 39 |
| WEST DISTRICTS - - - | 778,251 | 366 | 183 | 36 | 49 | - | 8 | 1 | 1 | 5 | - | 1 | - | - | 9 | 1 | 7 |
| NORTH DISTRICTS - - - | 1,040,694 | 580 | 260 | 47 | 59 | - | 13 | 3 | 10 | 12 | - | 1 | - | 2 | 3 | 16 | 9 |
| CENTRAL DISTRICTS - - - | 233,635 | 138 | 84 | 24 | 7 | - | 5 | - | - | 2 | - | - | - | 1 | 8 | 11 | 3 |
| EAST DISTRICTS - - - | 716,334 | 498 | 220 | 78 | 42 | - | 3 | - | 4 | 7 | - | 1 | - | 6 | 13 | 30 | 7 |
| SOUTH DISTRICTS - - - | 1,642,796 | 950 | 421 | 91 | 96 | - | 21 | 5 | 11 | 18 | - | 1 | - | 3 | 20 | 30 | 10 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | -- | - | 25 | - | 12 | - | - | 1 | - | - | - | - | - | - | - | - | 2 |
| WEST DISTRICTS. | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 44 | 24 | 3 | 7 | - | 2 | - | - | - | - | - | - | - | 1 | 3 | |
| St. John Paddington *H* - - G. | 33,510 | 3 | 13 | 1 | 5 | - | 1 | - | - | - | - | - | - | - | - | - | 7 |
| Kensington Town *Ww* - - W. | 122,164 | 49 | 40 | 12 | 5 | - | 3 | - | - | 2 | - | - | - | - | - | - | 2 |
| Brompton *HH*- - - W & C. | 48,301 | 20 | 5 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | 1 |
| St. Peter Hammersmith - - W. | 9,097 | 1 | 3 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | |
| St. Paul Hammersmith *HH* W & G. | 25,102 | 60 | 18 | 4 | 6 | - | - | - | - | 1 | - | - | - | - | 2 | 3 | |
| Fulham *Ww* - - - W. & C. | 113.781 | 88 | 27 | 8 | 5 | - | 1 | 1 | - | 1 | - | - | - | - | 2 | 2 | |
| Chelsea Kensal Town - C. | 21,450 | 15 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Chelsea North *WHHHHH* - C. | 42,057 | 20 | 10 | - | 3 | - | - | - | - | - | - | - | - | - | - | 1 | |
| Chelsea South *HH* - - C. | 33,139 | 15 | 2 | 1 | 1 | - | - | - | - | - | - | - | - | - | 1 | 1 | |
| May Fair *W* - - - - G. | 23,827 | 5 | 6 | - | 5 | - | 1 | - | - | - | - | - | - | - | - | 2 | |
| Belgrave *WHHH* - - - C. | 56,140 | 18 | 14 | 2 | 4 | - | - | - | 1 | - | - | 1 | - | - | 2 | 3 | |
| St. John Westminster *HH* - C. | 31,492 | 12 | 5 | 1 | 2 | - | - | - | - | 1 | - | - | - | - | - | - | |
| St. Margaret Westminster *H*- C. | 22,097 | 3 | 10 | 1 | 2 | - | - | - | - | - | - | - | - | - | 1 | 4 | |
| St. James Westminster *WHH* N. & G. | 23,050 | 10 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 3 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | |
| NORTH DISTRICTS. | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - - W. | 36,595 | 16 | 18 | 2 | 4 | - | 1 | - | 1 | - | - | - | - | - | - | - | 1 |
| Rectory Marylebone *W* G. & W. | 19,798 | 11 | 7 | 1 | 2 | - | 1 | - | 1 | - | - | - | - | - | - | - | |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 27 | 4 | - | 1 | - | 1 | - | - | - | - | - | - | - | - | 1 | |
| Christchurch Marylebone *H* - W | 32,547 | 9 | 6 | 3 | 1 | - | 2 | - | - | 1 | - | - | - | - | - | - | |
| St. John Marylebone *HHH* W. | 32,611 | 13 | 7 | 3 | 1 | - | 1 | - | - | 1 | - | - | - | - | - | 1 | |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 27 | 20 | - | 7 | - | - | 3 | 4 | 1 | - | - | - | - | - | 1 | 1 |
| Regent's Park Pancras *HH* - W. | 37,341 | 20 | 4 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | |
| Tottenham-court *wHHH* - N. & W. | 26,757 | 5 | 13 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - | 1 |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 8 | 5 | 2 | - | - | - | - | - | - | - | - | - | - | - | 1 | |
| Somers Town *HH* - - - N. | 32,161 | 24 | 10 | - | - | - | - | - | - | 1 | - | - | - | - | - | 1 | |
| Camden Town *WH* - - N. | 16,669 | 7 | 4 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | |
| Kentish Town *WW* - - N. | 98,410 | 72 | 25 | 6 | 8 | - | - | - | - | 1 | - | - | - | - | 1 | 1 | |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 58 | 45 | 7 | 13 | - | 2 | - | - | 3 | - | - | - | 1 | - | 1 | 2 |
| Islington South-west *H* - N. | 107,365 | 69 | 18 | 5 | - | - | 2 | - | - | 3 | - | - | - | 1 | 2 | 6 | |
| Islington South-east - - N. | 66,549 | 27 | 15 | 3 | 3 | - | 1 | - | - | - | - | 1 | - | - | - | 2 | |
| Highbury *HH* - - - N. | 64,577 | 39 | 10 | 2 | 4 | - | - | - | - | - | - | - | - | - | - | 1 | |
| Stoke Newington *H* - N. | 33,485 | 13 | 5 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | | |
| North Hackney - - E. & N. | 213,044 | 21 | 7 | - | 5 | - | 1 | - | - | - | - | - | - | - | - | - | |
| Central Hackney *ww* - E. & N. | | 23 | 14 | 3 | 1 | - | - | - | 4 | - | - | - | - | - | - | - | |
| South-west Hackney *HHH* E. & N. | | 45 | 11 | 2 | 1 | - | - | - | - | 1 | - | - | - | - | - | - | |
| South-east Hackney *WwH* E.&N. | | 46 | 12 | 2 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated th namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Jun Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River; E. London; and K. the Kent Company.

* See note † on first page of this Return.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday, 18th June, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **CENTRAL DISTRICTS.** | | | | | | | | | | | | | | | | | | |
| St. George Bloomsbury - - N. | 16,110 | 7 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| St. Giles South *WH* - - N. | 12,976 | 18 | 7 | 3 | 1 | – | – | – | – | – | – | – | – | | 1 | 2 | 4 | – |
| St Giles North *H* - - - N. | 9,151 | 7 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| St. Martin-in-the-Fields *HH* N. & C. | 13,077 | 3 | 3 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | 2 | – |
| Strand *WHH* - - - - N. | 11,839 | 4 | 7 | 2 | 1 | – | – | – | – | 2 | – | – | – | – | – | – | 5 | – |
| *Strand Union Workhouse, Edmonton* | †1,037 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Holborn *wHHHHHHH* - N. | 31,042 | 16 | 8 | 4 | – | – | – | – | – | – | – | – | – | – | 1 | 2 | 4 | – |
| St. James Clerkenwell - - N. | 15,777 | 14 | 7 | 2 | 2 | – | 1 | – | – | – | – | – | – | – | 1 | 2 | – | – |
| Amwell Clerkenwell - - N. | 34,356 | 19 | 10 | 2 | 1 | – | 1 | – | – | – | – | – | – | – | 3 | 3 | – | – |
| Goswell-street - - - - N. | 16,069 | 10 | 3 | – | – | – | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| City-road *hHHL* - - - N. | 29,897 | 22 | 14 | 5 | 1 | – | 1 | – | – | – | – | – | – | 1 | 1 | 1 | 4 | – |
| Whitecross-street - - - N. | 7,595 | 6 | 4 | 3 | – | – | 2 | – | – | – | – | – | – | – | – | – | – | – |
| Finsbury - - - - - N. | 4,035 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| *Holborn Union Workhouse, Mitcham* - - - - | †892 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| St. Botolph *H* - - N. & E. | 6,870 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Cripplegate - - - - N. | 3,299 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| St. Sepulchre *WH* - - - N. | 9,591 | 4 | 15 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | 12 | – |
| Allhallows Barking - - - N. | 9,059 | 3 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Broad Street *H* - - - N. | 2,892 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| *City of London Asylum, Stone* - - | †388 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| **EAST DISTRICTS.** | | | | | | | | | | | | | | | | | | |
| Shoreditch South *Hl* - E. & N. | 17,975 | 13 | 4 | – | 1 | – | 1 | – | – | – | – | – | – | – | 1 | 1 | – | – |
| Hoxton New Town *w* - - N. | 29,575 | 15 | 9 | 4 | 1 | – | – | – | – | – | – | – | – | – | 1 | 2 | 2 | – |
| Hoxton Old Town - - - N. | 27,645 | 20 | 6 | 3 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Haggerston *WH* - - N. & E. | 47,163 | 25 | 10 | 2 | 3 | – | – | – | – | 1 | – | – | – | – | – | 1 | 4 | – |
| Bethnal Green North *H* - E. | 49,301 | 39 | 13 | 8 | 1 | – | – | – | – | – | – | – | – | – | 1 | 3 | – | – |
| Bethnal Green South - - E. | 34,194 | 20 | 10 | 5 | 1 | – | – | – | – | – | – | – | – | 1 | 1 | 2 | – | – |
| Bethnal Green East *WHl* - E. | 45,667 | 24 | 18 | 4 | 6 | – | – | – | – | – | – | – | – | – | 2 | 2 | 11 | – |
| Spitalfields - - - E. & N. | 26,681 | 14 | 3 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Mile End New Town *W* - E. | 12,816 | 24 | 11 | 1 | 3 | – | – | – | – | – | – | – | – | – | – | 1 | 6 | – |
| Whitechapel Church *H* - E. & N. | 25,561 | 27 | 21 | 4 | 1 | – | 1 | – | 1 | 1 | – | – | – | – | 4 | 4 | 20 | – |
| Goodman's Fields - - - E. | 13,618 | 13 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| St. George's North - - - E. | 39,576 | 37 | 12 | 8 | – | – | 1 | – | – | – | – | – | – | 2 | – | 1 | – | – |
| St. John, St. George East *W* E. | 7,930 | 3 | 4 | 1 | 2 | – | – | – | – | – | – | – | – | 1 | – | 1 | 4 | – |
| Shadwell *H* - - - E. & N. | 10,434 | 5 | 10 | 5 | 1 | – | – | – | – | 2 | – | 1 | – | 2 | – | 1 | 7 | – |
| Ratcliff *W* - - - - E. | 14,954 | 6 | 4 | 4 | – | – | – | – | – | 1 | – | – | – | – | – | – | – | – |
| Limehouse - - - - E. | 32,917 | 21 | 4 | 2 | – | – | – | – | 1 | 2 | – | – | – | – | – | – | – | – |
| Mile End Old Town West *H* E. | 111,060 | 50 | 10 | 3 | 3 | – | – | – | – | – | – | – | – | – | – | 2 | – | – |
| Mile End Old Town East *WWww* - E. | | 25 | 12 | 4 | 3 | – | – | – | – | – | – | – | – | – | – | 2 | 3 | – |
| Bow *l* - - - - E. | 41,687 | 29 | 9 | 3 | 2 | – | – | – | – | – | – | – | – | – | – | 2 | 1 | – |
| Bromley *wwwH* - - - E. | 69,821 | 57 | 33 | 11 | 8 | – | – | – | – | – | – | – | – | – | – | 1 | 10 | – |
| Poplar *WW* - - - - E. | 57,759 | 31 | 15 | 2 | 3 | – | – | – | 2 | – | – | – | – | – | 3 | 3 | 2 | – |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 18th June, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WHL*.&S. | 13,064 | 4 | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| St. Saviour Southwark - - S. | 12,301 | 10 | 4 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Kent-road - - - - S. & L. | 22,879 | 18 | 5 | 1 | – | – | – | – | 1 | – | – | – | – | – | 1 | 1 | – | – |
| Borough-road *WH* - S. & L. | 16,083 | 8 | 5 | – | – | – | – | – | – | 1 | – | – | – | – | 1 | 1 | 2 | – |
| London-road *HL* - - L. & S. | 21,316 | 16 | 5 | 3 | 1 | – | 1 | – | – | 1 | – | – | – | – | – | 1 | 1 | – |
| Trinity Newington - - S. & L. | 28,723 | 25 | 5 | 2 | – | – | 1 | – | – | – | – | – | – | 1 | – | – | – | – |
| St. Peter Walworth *W* - S. & L. | 62,045 | 29 | 9 | 3 | – | – | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| St. Mary Newington- - L. & S. | 30,171 | 26 | 6 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| St. Olave *WH*- - - - S. | 11,731 | 7 | 13 | 1 | 3 | – | – | – | – | – | – | – | – | – | 3 | 4 | 11 | – |
| Leather Market *W* - S. & L. | 32,339 | 30 | 9 | 4 | – | – | – | – | – | 1 | – | – | – | – | – | – | – | 2 |
| St. James Bermondsey - - S. | 53,136 | 30 | 12 | 2 | 5 | – | 2 | – | 1 | – | – | – | – | – | – | – | – | – |
| Rotherhithe *WwH* - S. & K. | 40,379 | 19 | 14 | 4 | 2 | – | – | – | – | – | – | – | – | – | 1 | 1 | 5 | – |
| Waterloo-road *HH* - L. & S. | 28,396 | 23 | 4 | 2 | 1 | – | – | – | – | 1 | – | – | – | – | – | – | – | – |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 8 | 8 | 2 | 2 | – | – | – | – | – | – | – | – | – | 2 | 2 | 5 | – |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 37 | 20 | 3 | 3 | – | – | – | – | – | – | – | – | – | – | – | 14 | – |
| Kennington 1st *H* - - S. & L. | 52,486 | 39 | 12 | 5 | 1 | – | 1 | – | – | 1 | – | – | – | – | 1 | 2 | – | – |
| Kennington 2nd - - S. & L. | 43,244 | 14 | 6 | 2 | 1 | – | – | – | – | – | – | – | – | 1 | – | – | – | – |
| Brixton *w* - - - L. & S. | 81,825 | 37 | 19 | 1 | 5 | – | – | 1 | 1 | – | – | – | – | – | – | – | 3 | 1 |
| Norwood *WH*- - - - L. | 29,318 | 10 | 7 | 1 | 3 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| East Battersea - - - - S. | 71,730 | 53 | 11 | 5 | 2 | – | – | – | – | – | – | – | – | – | 1 | 3 | – | – |
| West Battersea *WwH* - - S | 93,385 | 59 | 26 | 5 | 10 | – | – | – | – | 1 | – | – | – | – | 1 | 2 | 9 | – |
| Clapham *H* - - - - S. | 46,953 | 20 | 12 | 2 | 5 | – | 3 | – | – | – | – | – | – | – | 2 | 3 | – | – |
| Wandsworth *WHHL* - - S. | 58,101 | 29 | 13 | 4 | 2 | – | – | – | 1 | 1 | – | – | – | – | 1 | 2 | 1 | 1 |
| Putney - - - - - - S. | 20,566 | 11 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Streatham *Wwww* - - - L. | 61,644 | 43 | 22 | 5 | 3 | – | 2 | – | 4 | 1 | – | – | – | – | – | – | 6 | 1 |
| Dulwich - - - - L. & S. | 7,519 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Camberwell *Wwll* - S. & L. | 90,286 | 41 | 31 | 2 | 14 | – | 1 | 1 | – | – | – | – | – | – | – | – | 18 | – |
| Peckham *WW* - S., L., & K. | 88,242 | 53 | 20 | 8 | 2 | – | 1 | – | 1 | – | – | 1 | – | – | – | – | – | – |
| St. George Camberwell - L. & S. | 67,029 | 34 | 12 | 3 | 1 | – | – | – | – | 1 | – | – | – | – | – | – | – | 1 |
| Deptford North - - - K. | 36,152 | 24 | 14 | 2 | – | – | 2 | – | – | 4 | – | – | – | – | 1 | 2 | – | – |
| Deptford Central *w* - - K. | 45,441 | 21 | 6 | 2 | 1 | – | 1 | 3 | – | – | – | – | – | – | – | – | 3 | – |
| Deptford South - - - K. | 33,402 | 15 | 4 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Greenwich West *H* - - K. | 23,012 | 13 | 4 | 2 | – | – | 2 | – | – | – | – | – | – | – | – | – | – | – |
| Greenwich East *WH* - - K. | 37 767 | 23 | 19 | 1 | 4 | – | – | – | – | – | – | – | – | – | 1 | 1 | 14 | – |
| Eltham *wH* - - - - - K. | 5,911 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Lee *H* - - - - - K. | 24,222 | 13 | 9 | 2 | 3 | – | – | – | – | – | – | – | – | – | – | 1 | 1 | – |
| Lewisham *WwH* - - - K. | 38,139 | 21 | 10 | 2 | 4 | – | – | – | 1 | – | – | – | – | – | 1 | 1 | 4 | – |
| Sydenham *H* - - - - L. | 37,601 | 18 | 6 | 2 | 4 | – | – | – | – | – | – | – | – | 1 | – | – | – | 1 |
| Charlton *wHH* - - K. | 15,928 | 12 | 8 | 1 | 2 | – | 2 | – | 1 | – | – | – | – | – | – | – | 4 | – |
| Woolwich Dockyard - - K. | 19,355 | 4 | 7 | 2 | 1 | – | – | – | – | 3 | – | – | – | – | – | – | – | – |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 12 | 5 | 1 | 1 | – | – | – | – | 1 | – | – | – | – | 1 | 1 | – | 1 |
| Plumstead West *H* - - K. | 16,714 | 11 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Plumstead East *WH* - - K. | 42,538 | 28 | 15 | 2 | 4 | – | 2 | – | – | 1 | – | – | – | – | – | – | 4 | 1 |
| Banstead Asylum - - - - | — | – | 6 | – | 3 | – | – | – | – | – | – | – | – | – | – | – | 6 | – |
| Caterham Asylum - - - - | — | – | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 2 | – |
| Cane Hill Asylum - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Hospital Ships and Camp, Dartford | — | – | – | – | – | – | – | + | – | – | – | – | – | – | – | – | – | – |
| Darenth Asylum - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Hanwell Asylum - - - - | — | – | 3 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 3 | – |
| Colney Hatch Asylum - - - | — | – | 3 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 3 | – |
| N.E. Hospital - - - - - | — | – | 1 | – | – | – | – | 1 | – | – | – | – | – | – | – | – | 1 | – |
| Winchmore Hill Hospital - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Leavesden Asylum - - - - | — | – | 3 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 3 | – |
| Claybury Asylum - - - - | — | – | 7 | – | 4 | – | – | – | – | – | – | – | – | – | – | – | 7 | – |

BLE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 18th June, 1898.

| egis-ation strict and ub-trict um-ers. | REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years & upwds. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LONDON—OUTER RING - | 368,749 | 1,422,063 | 1,038 | 357 | 87 | 92 | - | 11 | 3 | 10 | 11 | - | 4 | 12 | 27 | 55 | 3 |
| 0 : 1 | Carshalton *wHH* - - | 12,228 | 26,108 | 16 | 5 | - | 2 | - | - | - | - | - | - | - | 1 | 1 | - | - |
| 2 | Epsom, *part of** *WwHH* - | 10,423 | 12,508 | 6 | 4 | 1 | 2 | - | - | - | - | - | - | - | - | - | 2 | - |
| 7 : 1 | Godstone, *part of** *W* - | 2,754 | 1,598 | 2 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 8 : 1 | Croydon *WwHHH* - - | 20,851 | 128,699 | 71 | 29 | 11 | 8 | - | - | - | - | 2 | - | 1 | - | - | - | - |
| 2 | Mitcham *w* - - - | 11,697 | 23,088 | 17 | 3 | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - |
| 9 : 1 | Wimbledon *HHH* - - | 3,220 | 25,761 | 19 | 7 | 2 | 2 | - | - | - | - | - | - | - | 1 | 1 | 1 | - |
| 2 | Kingston *W* - - - | 8,071 | 33,566 | 16 | 13 | - | 6 | - | 1 | - | - | 1 | - | - | - | 2 | 6 | - |
| 3 | Surbiton *H-* - - - | | 11,199 | 6 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 4 | Esher, *part of** *HH* - - | 6,601 | 12,059 | 7 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - |
| 5 | Hampton *HL* - - - | 4,565 | 18,252 | 16 | 5 | 2 | 2 | - | - | - | - | - | - | - | - | 1 | - | - |
| 3 : 1 | Richmond *WH* - - - | 2,160 | 25,389 | 16 | 10 | 1 | 3 | - | - | - | - | - | - | - | - | - | 3 | - |
| 2 | Mortlake *H* - - - | 2,823 | 16,159 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4 : 1 | Bromley *HHH* - - - | 9,127 | 23,815 | 16 | 4 | 1 | 1 | - | - | - | - | - | - | - | - | - | 1 | - |
| 2 | Beckenham *H* - - - | 6,542 | 21,969 | 9 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 6 | 2 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| 5 : 1 | Bexley *HHH* - - - | 12,540 | 30,590 | 22 | 13 | 4 | 2 | - | 3 | - | 2 | - | - | - | 2 | 2 | 1 | - |
| 2 | Dartford *WH, part of** - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 6 : 1 | Sunbury *w* - - - | 11,054 | 13,671 | 7 | 2 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| 2 | Staines *WH* - - - | 13,277 | 13,221 | 4 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 7 : 1 | Hillingdon *WHH* - - | 6,035 | 12,237 | 1 | 2 | - | 1 | - | - | - | - | - | - | - | - | 1 | - | - |
| 2 | Uxbridge - - - - | 12,757 | 7,253 | 5 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Hayes *wH* - - - - | 7,952 | 11,051 | 6 | 3 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| 8 : 1 | Isleworth *WHH* - - | 6,967 | 26,004 | 20 | 8 | 1 | 2 | - | - | - | - | - | - | - | - | - | 3 | - |
| 2 | Twickenham *HH* - - | 2,415 | 16,027 | 12 | 7 | 1 | 2 | - | 2 | - | - | - | - | - | - | - | - | - |
| 3 | Brentford *HHHH* - - | 4,318 | 37,777 | 26 | 9 | 4 | 1 | - | - | 1 | - | 1 | - | - | 1 | 2 | 2 | - |
| 4 | Chiswick - - - - | 1,245 | 21,963 | 24 | 6 | 2 | - | - | 2 | - | 1 | - | - | - | - | - | - | - |
| 5 | Acton *wH* - - - - | 6,132 | 30,945 | 20 | 10 | 2 | 4 | - | - | - | - | - | - | - | - | - | - | - |
| 9 : 1 | Harrow *HHH* - - - | 13,809 | 15,715 | 12 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Edgware *HH* - - - | 6,994 | 3,844 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| 3 | Willesden *HHH* - - | 4,383 | 61,265 | 51 | 16 | 4 | 4 | - | - | - | 1 | - | - | - | - | 2 | 2 | 1 |
| 4 | Hendon *WH* - - - | 8,382 | 15,843 | 11 | 2 | 1 | 1 | - | - | - | - | - | - | - | - | - | 1 | - |
| 1 : 1 | South Mimms *HH* - - | 21,077 | 6,367 | 6 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Barnet *WHH* - - - | | 14,152 | 12 | 5 | 1 | 2 | - | - | - | - | - | - | - | - | - | 3 | - |
| 3 | Finchley *HHH* - - - | 4,688 | 25,820 | 18 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 : 1 | Hornsey *HH* - - - | 3,039 | 61,097 | 39 | 12 | 3 | 3 | - | - | - | - | 1 | - | - | - | - | - | - |
| 2 | Tottenham *HH* - - - | 4,642 | 97,174 | 69 | 26 | 5 | 10 | - | 1 | - | 2 | 2 | - | - | 1 | 4 | 1 | - |
| 3 | Edmonton *Www* - - | 7,489 | 36,351 | 27 | 9 | 3 | 3 | - | - | - | - | 1 | - | 1 | - | - | 3 | - |
| 4 | Enfield *WWHH* - - | 12,602 | 31,536 | 19 | 9 | - | 5 | - | - | - | - | - | - | 1 | 1 | 2 | 2 | - |
| 5 | Waltham Abbey - - - | 11,017 | 6,066 | 4 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 6 | Cheshunt *H* - - - | 8,480 | 9,620 | 5 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 1 : 1 | Hatfield, *part of** *W* - - | 3,306 | 582 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 : 1 | Bushey *H* - - - - | 9,331 | 7,737 | 3 | 1 | - | 1 | - | - | - | - | - | - | - | - | 1 | - | - |
| 2 | Watford *WH, part of** - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 : 1 | Stratford *H* - - - | 4,706 | 38,612 | 25 | 8 | 3 | 1 | - | - | 1 | - | 2 | - | - | - | - | - | - |
| 2 | Plaistow *WHH* - - - | | 58,030 | 67 | 18 | 7 | 1 | - | - | - | 3 | - | - | - | - | - | 3 | 1 |
| 3 | Canning Town *H* - - | | 54,750 | 49 | 11 | 1 | 2 | - | - | - | - | - | - | 1 | 1 | 1 | 1 | - |
| 4 | Forest Gate *w* - - - | | 53,511 | 31 | 8 | 2 | 2 | - | - | - | - | - | - | - | 1 | 1 | - | 1 |
| 5 | East Ham *wH* - - - | 3,266 | 32,713 | 52 | 11 | 2 | - | - | 1 | 1 | - | - | - | - | 1 | 1 | 1 | - |
| 6 | Leyton *WWWwH* - - | 4,334 | 70,188 | 64 | 27 | 7 | 9 | - | - | - | - | - | - | - | 1 | 2 | 9 | - |
| 7 | Walthamstow *HHL* - - | 6,501 | 57,330 | 58 | 12 | 5 | 1 | - | - | - | - | 1 | - | - | - | 1 | - | - |
| 1 : 1 | Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 9 | 3 | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Epping *WH, part of** - - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 : 1 | Romford, *part of** *WH* - | 6,556 | 4,324 | 2 | 3 | 1 | 1 | - | - | - | - | - | - | - | - | - | 2 | - |
| 2 | Ilford - - - - - | 8,493 | 10,913 | 11 | 5 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Barking Town, *H* - - | 3,814 | 14,301 | 16 | 5 | - | 1 | - | - | - | - | - | - | - | 1 | 1 | - | - |
| | N.W. Fever Hosp. Hampstead | — | — | - | 1 | - | - | - | - | - | 1 | - | - | - | - | - | 1 | - |
| | Middlesex Co. Lunatic Asy., Wandsworth. | — | — | - | 2 | - | - | - | - | - | - | - | - | - | - | - | 2 | - |
| | London Co. Lunatic Asy., Banstead. | — | — | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | - |

The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring as follows: –30 : 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37 : 1, the parishes of Warlingham l Farley in Godstone sub-district; 39 : 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41 : 3, Chislehurst -district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135 : 1, the parish of Northaw in tfield sub-district; 187 : 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping p. 1,079); 189 : 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for ectious Diseases belonging to the Outer Ring in 42 : 2, Dartford; 137 : 2, Watford; and 187 : 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 18th June, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | ANNUAL RATE of MORTALITY per 1000 living. From All Causes. | From Diseases in Cols. 8-14. | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. |
| GREATER LONDON | **443,421** | **6,408,321** | **12·6** | **1·5** | **1550** | **363** | **357** | **–** | **61** | **13** | **36** | **55** | **4** | **16** | **65** |
| INNER LONDON - | 74,672 | 4,504,766 | 13·8 | 1·7 | 1193 | 276 | 265 | – | 50 | 10 | 26 | 44 | 4 | 12 | 53 |
| OUTER RING - | 368,749 | 1,903,555 | 9·8 | 1·1 | 357 | 87 | 92 | – | 11 | 3 | 10 | 11 | – | 4 | 12 |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent to the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

| CITIES | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | | BIRTHS. (Exclusive of Stillborn) | DEATHS. (Exclusive of Stillborn) | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM PRINCIPAL ZYMOTIC DISEASES. Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 295,628 | June | 18 | 158 | 109 | 19·2 | – | 3 | 3 | – | 5 | – | |
| GLASGOW - - | 724,349 | „ | 18 | 465 | 296 | 21·3 | – | 16 | 4 | – | 8 | 3 | |
| DUBLIN - - | 349,594 | „ | 18 | 204 | 147 | 21·9 | – | – | – | – | 1 | 4 | |
| CALCUTTA - - | 466,460 | April | 23 | – | – | – | – | – | – | – | – | – | |
| BOMBAY - - | 821,764 | May | 24 | 119 | 604 | 38·2 | 1 | 3 | ? | ? | ? | 188† | |
| MADRAS - - | 452,518 | „ | 20 | – | – | – | – | – | – | – | – | – | |
| PARIS - - - | 2,511,629 | June | 11 | 1157 | 935 | 19·3 | – | 36 | 4 | 1* | 9 | 1 | |
| BRUSSELS - - | 531,024 | „ | 11 | 264 | 179 | 17·5 | 1 | 2 | – | – | 2 | 4 | |
| AMSTERDAM - | 505,326 | „ | 4 | 268 | 164 | 16·8 | – | 1 | – | – | 7 | – | |
| ROTTERDAM - | 290,004 | „ | 4 | 206 | 97 | 17·4 | – | 8 | – | – | 3 | – | |
| THE HAGUE - | 191,529 | „ | 4 | 108 | 55 | 14·9 | – | – | – | 3 | 1 | – | |
| COPENHAGEN - | 340,500 | „ | 11 | 173 | 145 | 22·2 | – | – | 1 | – | 5 | 1 | |
| STOCKHOLM - | 274,611 | „ | 4 | 125 | 124 | 22·7 | – | 1 | – | 2* | 4 | 1 | |
| CHRISTIANIA - | 192,141 | „ | 11 | 106 | 71 | 18·2 | – | – | 1 | – | 1 | – | |
| ST. PETERSBURG | 954,400 | „ | 4 | 625 | 534 | 29·2 | 1 | 10 | 17 | 19 | 1 | 28 | |
| MOSCOW - - | 988,610 | „ | 4 | – | 575 | 30·3 | 1 | 14 | 7 | 10 | 6 | 1 | 1 |
| BERLIN - - | 1,753,775 | May | 28 | 894 | 566 | 16·7 | – | 6 | 1 | 2 | 10 | 1 | |
| HAMBURG - - | 661,015 | June | 11 | – | 286 | 22·5 | – | 17 | – | 5* | 10 | – | |
| DRESDEN - - | 377,500 | April | 28 | – | – | – | – | – | – | – | – | – | |
| BRESLAU - - | 392,795 | June | 11 | – | 190 | 25·2 | – | 7 | 1 | 1* | 1 | – | |
| MUNICH - - | 430,000 | „ | 11 | – | 201 | 24·3 | – | – | 3 | 3* | 1 | – | |
| VIENNA - - | 1,574,129 | „ | 11 | 1019 | 679 | 22·2 | – | 22 | 8 | 5* | 4 | 2 | |
| PRAGUE - - | 377,109 | „ | 11 | 233 | 193 | 26·3 | – | 9 | 5 | – | – | 3 | |
| BUDA-PESTH - | 648,104 | „ | 4 | 417 | 274 | 22·0 | – | 1 | 2 | 3 | 2 | 1 | |
| TRIESTE - - | 164,491 | „ | 4 | 116 | 79 | 23·8 | – | – | – | – | 3 | – | |
| ROME - - - | 489,965 | May | 21 | 188 | 145 | 15·4 | – | 4 | – | – | 1 | 3§ | |
| TURIN (10 days) | 344,203 | April | 30 | 204 | 197 | 20·9 | – | 2 | – | 3 | 2 | 1 | |
| VENICE - - | 167,074 | June | 4 | 88 | 63 | 19·7 | – | – | – | 1* | – | – | |
| CAIRO - - | 570,062 | April | 1 | – | – | – | – | – | – | – | – | – | |
| ALEXANDRIA - | 319,766 | „ | 1 | – | – | – | – | – | – | – | – | – | |
| NEW YORK (including BROOKLYN) | 3,438,899 | June | 4 | 1529 | 1054 | 16·0 | – | 13 | 24 | 23 | 16 | 4 | |
| PHILADELPHIA - | 1,240,266 | May | 28 | – | – | – | – | – | – | – | – | – | |

* Including deaths from croup.
† Including 101 deaths from bubonic fever.
‡ Including 1 death from cholera.
§ Including 2 deaths from malarial fever.

| 1898. Month and Day. | | Phases of the Moon. | Barometer. Mean daily reading (corrected and reduced to 32° Fahrenheit). | Temperature. Of the Air. Highest. | Temperature. Of the Air. Lowest | Temperature. Of the Air. Daily Range. | Temperature. Of the Air. Mean daily value. | Temperature. Of the Air. Departure from Average of 50 years. | Temperature. Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Difference. Greatest. | Difference. Least. | Degree of Humidity (Saturation equals 100). | Temperature. Of Radiation. Highest in Sun's Rays. | Temperature. Of Radiation. Lowest on the Grass. | Temperature. Of the Earth 3 feet below the Surface. | Wind as deduced from Anemometers. Osler's. General Direction. A.M. | Wind. Osler's. General Direction. P.M. | Wind. Osler's. Pressure on the Square Foot. Greatest. | Wind. Osler's. Pressure. Least. | Wind. Osler's. Pressure. Mean of 24 hourly obs. | Wind. Robinson's. Horizontal Movement of the Air on each Day. | Wind. Robinson's. Departure from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| June | | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| Sunday - | 12 | .. | 30·070 | 55·5 | 49·8 | 5·7 | 52·6 | − 6·0 | 49·2 | 3·4 | 5·0 | 1·0 | 88 | 67·3 | 49·0 | 55·40 | NNE. & N. | NNE., NE. & ENE. | 1·1 | 0·0 | 0·1 | 225 | − 28 | 0·00 | 0·0 |
| Monday - | 13 | .. | 30·086 | 56·1 | 47·1 | 9·0 | 51·1 | − 7·7 | 45·2 | 5·9 | 9·5 | 0·0 | 81 | 86·3 | 47·1 | 55·70 | ENE. & NE. | NE. | 2·8 | 0·0 | 0·4 | 329 | + 77 | 0·00 | 0·0 |
| Tuesday - | 14 | .. | 30·084 | 56·8 | 48·0 | 8·8 | 51·5 | − 7·4 | 44·0 | 7·5 | 10·6 | 4·0 | 76 | 90·0 | 47·7 | 55·53 | NE. & NNE. | NNE. & NE. | 2·7 | 0·0 | 0·5 | 361 | +111 | 0·00 | 0·0 |
| Wednesday | 15 | .. | 30·066 | 61·9 | 46·8 | 15·1 | 52·4 | − 6·6 | 43·0 | 9·4 | 16·5 | 4·8 | 70 | 125·7 | 42·5 | 55·37 | NNE. | NNE. & N. | 2·5 | 0·0 | 0·3 | 313 | + 65 | 0·00 | 0·0 |
| Thursday- | 16 | .. | 30·053 | 63·6 | 46·7 | 16·9 | 54·1 | − 4·9 | 47·2 | 6·9 | 14·6 | 1·5 | 78 | 131·5 | 42·3 | 55·25 | NNE. | NE., NNE. & SE. | 2·5 | 0·0 | 0·1 | 223 | − 22 | 0·00 | 0·0 |
| Friday - | 17 | .. | 30·080 | 72·5 | 47·0 | 25·5 | 59·3 | + 0·2 | 50·8 | 8·5 | 17·8 | 0·0 | 73 | 125·9 | 44·8 | 55·45 | Calm & WSW. | WSW. & SW. | 1·6 | 0·0 | 0·1 | 170 | − 72 | 0·00 | 0·0 |
| Saturday - | 18 | Greatest Dec. N. | 29·969 | 78·4 | 52·7 | 25·7 | 65·3 | + 6·1 | 52·2 | 13·1 | 24·3 | 0·2 | 63 | 135·0 | 48·0 | 55·80 | SW. & WSW. | WSW. & W. | 4·2 | 0·0 | 0·5 | 366 | +126 | 0·01 | 0·0 |
| Means - | - | | 30·059 | 63·5 | 48·3 | 15·2 | 55·2 | − 3·8 | 47·4 | 7·8 | 14·0 | 1·6 | 76 | 108·8 | 45·9 | 55·50 | NE. & WSW. | | .. | .. | .. | Sum 1987 | Sum +257 | Sum 0·01 | 0·0 |
| No. of Column - | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| Date. June | | Electricity. (For explanation of symbols, see Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | General Remarks. |
|---|---|---|---|---|---|
| Sunday - | 12 | w. P. throughout - | 0·0 | 16·5 | Overcast. A very cold day. |
| Monday - | 13 | w. P. generally - | 0·0 | 16·5 | Overcast. A very cold day. |
| Tuesday - | 14 | m. P. throughout - | 0·0 | 16·5 | Overcast. Very cold. |
| Wednesday | 15 | m. P. throughout - | 6·2 | 16·5 | Generally overcast till noon; fine and partially cloudy afterwards. |
| Thursday- | 16 | m. P. throughout - | 4·6 | 16·5 | Cloudy in morning; fine with variable amounts of cloud afterwards. |
| Friday - | 17 | w. P. generally - | 8·9 | 16·6 | Cloudy in morning; fine afterwards. Cloudless after 6h. P.M. |
| Saturday - | 18 | w. P. throughout - | 12·6 | 16·6 | Very fine till 6h. P.M.; overcast afterwards with slight rain in evening. A very warm day. |
| | | | Sum 32·3 | Sum 115·7 | |
| No. of Col. - | - | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer increased from 30·06 in. at the beginning of the week to 30·11 in. by 1h. A.M. on the 14th; decreased to 30·03 in. by 5h. P.M. on the 15th; increased to 30·11 in. by 8h. A.M. on the 17th; and decreased to 29·94 in. by the end of the week.

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1898

OFFICIAL COPY.

# WEEKLY RETURN
OF
# BIRTHS AND DEATHS IN LONDON
AND IN
## THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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No. 25. 1898. VOL. LIX.] WEEK ENDING SATURDAY, JUNE 25. [Price 1½*d.*

*General Register Office, Somerset House,*
*June 27th,* 1898.

### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 15·1 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000 :—

| TOWNS. | Weeks ending | | | | TOWNS. | Weeks ending | | | |
|---|---|---|---|---|---|---|---|---|---|
| | June 4. | June 11. | June 18. | June 25. | | June 4. | June 11. | June 18. | June 25. |
| 33 Great Towns | 16·8 | 16·9 | 14·7 | 15·1 | Leicester - - | 12·2 | 19·7 | 9·2 | 12·5 |
| Birkenhead - | 16·6 | 16·1 | 13·4 | 16·6 | Liverpool - - | 22·7 | 20·4 | 18·6 | 17·4 |
| Birmingham - | 18·3 | 17·2 | 15·0 | 16·2 | London - - - | 16·1 | 16·3 | 13·8 | 14·5 |
| Blackburn - | 12·5 | 14·9 | 17·6 | 13·3 | Manchester - - | 20·3 | 20·3 | 19·3 | 19·9 |
| Bolton - - | 10·6 | 16·6 | 13·6 | 14·5 | Newcastle-on-Tyne | 24·3 | 24·1 | 22·2 | 24·3 |
| Bradford - | 14·7 | 16·3 | 15·8 | 14·1 | Norwich - - | 19·1 | 10·3 | 14·0 | 10·3 |
| Brighton - | 11·1 | 11·1 | 12·4 | 11·1 | Nottingham - - | 16·6 | 14·6 | 13·2 | 12·1 |
| Bristol - | 15·5 | 16·9 | 10·7 | 13·7 | Oldham - - | 15·1 | 19·3 | 15·8 | 16·2 |
| Burnley - | 11·9 | 16.2 | 9·5 | 11 4 | Plymouth - - | 17·9 | 17·9 | 17·4 | 20·0 |
| Cardiff - - | 15·5 | 12·3 | 8·5 | 12·9 | Portsmouth - - | 15·9 | 16·8 | 11·2 | 12·9 |
| Croydon - | 11·3 | 8·4 | 9·6 | 10·9 | Preston - - | 17·9 | 17·5 | 19·7 | 13·0 |
| Derby - - | 9·9 | 18·4 | 13·4 | 12·9 | Salford - - - | 18·9 | 20·8 | 19·3 | 18·4 |
| Gateshead - | 23·1 | 19·6 | 20·6 | 16·6 | Sheffield - - | 16·8 | 18·4 | 15·2 | 15·7 |
| Halifax - | 18·3 | 19·4 | 17·2 | 14·6 | Sunderland - - | 24·6 | 23·6 | 18·1 | 21·4 |
| Huddersfield- | 14·3 | 14·3 | 14·8 | 11·7 | Swansea - - | 14·3 | 18·4 | 14·8 | 16·9 |
| Hull - - | 13·4 | 12·2 | 13·6 | 14·5 | West Ham - - | 11·5 | 12·6 | 9·6 | 9·6 |
| Leeds - - | 19·5 | 17·4 | 17·5 | 16·1 | Wolverhampton - | 19·0 | 13·6 | 17·2 | 13·6 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were :—from *measles*, 1·1 in Halifax, 1·4 in Newcastle-on-Tyne, and 1·6 in Plymouth ; from *whooping-cough*, 1·0 in Swansea and 1·1 in Sunderland; and from *diarrhœa* 1·0 in Gateshead. In no case did the death-rate from *scarlet fever* or from "*fever*" reach 1·0 per 1000 in any of the thirty-three towns. The 36 deaths from *diphtheria* included 21 in London, and 4 in Birmingham. No death from *small-pox* was registered in any of the thirty-three towns.

### LONDON.

In LONDON† 2385 BIRTHS and 1257 DEATHS were registered. Allowing for increase of population, the births were 229, and the deaths 202, below the average numbers in the corresponding weeks of the last ten

* By "estimated" population is meant merely the number of persons who would be living if the mean ate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

years. The annual death-rate per 1000 from all causes, which had been 16·1, 16·3, and 13·8 in the preceding three weeks, rose again last week to 14·5. During the four weeks ending on Saturday last the death-rate averaged 15·2 per 1000, being 1·9 per 1000 below the mean rate in the corresponding periods of the ten years 1888–97.

The 1257 deaths included 43 from measles, 8 from scarlet fever, 21 from diphtheria, 39 from whooping-cough, 4 from enteric fever, 17 from diarrhœa and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 132 deaths were referred to these diseases, being 90 below the corrected average weekly number.

The deaths from *measles*, which had been 68, 74, and 50 in the preceding three weeks, further fell last week to 43, and were 23 below the corrected average; 9 cases belonged to Islington, 6 to Wandsworth, and 5 to Greenwich sanitary areas. The deaths from *scarlet fever*, which had been 17, 10, and 10 in the preceding three weeks, further fell last week to 8, and were 10 below the corrected average. The deaths from *diphtheria*, which had been 30, 23, and 26 in the preceding three weeks, fell again last week to 21, and were 15 below the corrected average; 4 cases belonged to Chelsea, 4 to Camberwell, and 3 to Lambeth sanitary areas. The deaths from *whooping-cough*, which had been 45, 51, and 44 in the preceding three weeks, further fell last week to 39, the corrected average being 40. The fatal cases of *enteric fever*, which had been 3, 4, and 4 in the preceding three weeks, were again 4 last week, the corrected average being 9. The deaths from *diarrhœa*, which had been 17, 22, and 12 in the preceding three weeks, rose again last week to 17, but were 33 below the corrected average. The deaths referred to diseases of the respiratory organs, which had been 226, 212, and 185 in the preceding three weeks, further fell last week to 171, and were 38 below the corrected average. The deaths attributed directly to *influenza* numbered 9, having been 13, 10, and 12 in the preceding three weeks. The death of a male aged 18 years, which occurred in St. George's Hospital, was certified after inquest as due to glanders.

Different forms of violence caused 71 deaths, concerning all but 2 of which inquests were held. Of these 71 deaths, 10 were cases of suicide and 2 of homicide, while the remaining 59 were attributed to accident or negligence. Four of these were referred to vehicles in the streets, and 15 (of infants under one year of age) to suffocation in bed.

### Cases of Infectious Sickness in Hospitals.*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2238 cases of scarlet fever, 999 of diphtheria, and 52 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 231 cases, against 220, 206, and 230; of diphtheria, 126 cases, against 147, 130, and 134; and of enteric fever, 12 cases, against 14, 7, and 12.

### Greater London.

In Greater London 3299 births and 1603 deaths were registered, corresponding to annual rates of 26·8 and 13·0 per 1000 of the estimated population. In the Outer Ring 1 death from small-pox, 14 deaths from measles, 3 from scarlet fever, 11 from diphtheria, 9 from whooping-cough, 2 from "fever," and 1 from diarrhœa were registered. Five cases of diphtheria occurred in Edmonton district, and 5 cases of whooping-cough in West Ham district. The death from small-pox occurred in Waltham Abbey sub-district.

### Meteorology.

The mean reading of the Barometer last week at Greenwich was 29·68 inches, and that of the Thermometer 60·5, the latter being 0°·1 below the week's average in the 50 years 1841–90. The direction of the wind was south-westerly, the horizontal movement of the air being 34 per cent. above the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 39·3 hours; the measured rainfall amounted to 0·47 of an inch.

* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Registered during the Week ending 25th June 1898. Births. | Deaths. | Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | per 1000, corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6–12. | Temperature of the Air. Highest. (Fahrenheit.) | Lowest. (Fahrenheit.) | Mean. Fahrenheit. | Mean. Centigrade. | Rainfall. In Inches. | In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18 | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| **33 Towns** - | **11,218,373** | **6173** | **3247** | **790** | **744** | **–** | **89** | **21** | **36** | **33** | **12** | **61** | **166** | **273** | **771** | **32** | **15·1** | **1·4** | **77·7** | **43·5** | **57·7** | **14·28** | **0·73** | **1·85** | **33 Towns.** |
| London - - | 4,504,766 | 2385 | 1257 | 306 | 279 | – | 43 | 8 | 21 | 39 | 4 | 17 | 71 | 112 | 418 | 8 | 14·5 | 1·5 | 77·7 | 48·0 | 60·5 | 15·83 | 0·47 | 1·19 | London. |
| West Ham - - | 286,654 | 152 | 53 | 17 | 10 | – | 1 | – | 2 | – | – | – | 2 | 3 | 11 | – | 9·6 | 0·5 | – | – | – | – | – | – | West Ham. |
| Croydon - - | 124,421 | 50 | 26 | 2 | 9 | – | 1 | – | – | – | – | – | 4 | 7 | 7 | – | 10·9 | 0·4 | 77·0 | 47·0 | 60·2 | 15·67 | 0·17 | 0·43 | Croydon. |
| Brighton - - | 122,310 | 40 | 26 | 6 | 7 | – | – | – | – | – | – | 1 | 1 | 2 | 4 | 1 | 11·1 | 0·4 | 67·2 | 49·0 | 57·1 | 13·94 | 0·48 | 1·22 | Brighton. |
| Portsmouth - | 186,618 | 86 | 46 | 6 | 17 | – | 1 | 2 | – | – | 1 | 1 | 1 | 2 | 9 | – | 12·9 | 1·4 | – | – | – | – | – | – | Portsmouth. |
| Plymouth - - | 99,136 | 54 | 38 | 11 | 9 | – | 3 | – | – | 1 | – | – | 1 | 2 | 5 | – | 20·0 | 2·1 | – | – | – | – | – | – | Plymouth. |
| Bristol - - | 316,900 | 157 | 83 | 29 | 17 | – | 2 | – | – | 3 | – | 1 | 3 | 5 | 19 | – | 13·7 | 1·0 | 68·0 | 46·0 | 56·7 | 13·72 | 0·73 | 1·85 | Bristol. |
| Cardiff - - | 177,770 | 82 | 44 | 9 | 16 | – | – | – | 2 | 1 | – | 1 | 3 | 3 | 13 | – | 12·9 | 1·2 | – | – | – | – | – | – | Cardiff. |
| Swansea - - | 102,901 | 57 | 33 | 9 | 10 | – | – | – | 1 | 2 | 1 | – | – | 2 | 3 | – | 16·9 | 2·0 | – | – | – | – | – | – | Swansea. |
| Wolverhampton | 88,051 | 58 | 23 | 3 | 7 | – | – | – | 1 | – | – | 1 | 1 | 1 | 3 | 1 | 13·6 | 1·2 | 73·2 | 43·5 | 56·8 | 13·78 | 0·40 | 1·02 | Wolverhampton. |
| Birmingham - | 510,343 | 342 | 159 | 50 | 34 | – | 2 | – | 4 | 4 | 1 | 6 | 6 | 7 | 45 | 4 | 16·2 | 1·7 | – | – | – | – | – | – | Birmingham. |
| Norwich - - | 111,699 | 58 | 22 | 8 | 4 | – | 1 | 1 | – | 1 | – | – | – | – | 1 | – | 10·3 | 1·4 | 72·4 | 44·0 | 58·6 | 14·78 | 0·31 | 0·79 | Norwich. |
| Leicester - - | 208,662 | 131 | 50 | 16 | 9 | – | 2 | 1 | – | – | – | 1 | 4 | 5 | 5 | 2 | 12·5 | 1·0 | – | – | – | – | – | – | Leicester. |
| Nottingham - | 236,137 | 140 | 55 | 10 | 14 | – | – | – | – | – | – | – | 4 | 5 | 5 | 1 | 12·1 | – | 74·0 | 45·0 | 57·9 | 14·39 | 0·97 | 2·46 | Nottingham. |
| Derby - - - | 104,834 | 50 | 26 | 5 | 11 | – | – | – | 1 | – | – | 1 | – | – | 3 | – | 12·9 | 1·0 | – | – | – | – | – | – | Derby. |
| Birkenhead - | 113,189 | 56 | 36 | 10 | 7 | – | 1 | 1 | 1 | – | – | 1 | 1 | 3 | 5 | – | 16·6 | 1·8 | – | – | – | – | – | – | Birkenhead. |
| Liverpool - - | 633,645 | 375 | 212 | 54 | 46 | – | 4 | 2 | – | 4 | – | 4 | 11 | 17 | 51 | 5 | 17·4 | 1·2 | 70·2 | 48·9 | 55·5 | 13·06 | 1·55 | 3·94 | Liverpool. |
| Bolton - - | 122,495 | 63 | 34 | 3 | 8 | – | 1 | – | – | 1 | – | – | – | 3 | 4 | – | 14·5 | 0·9 | – | – | – | – | – | – | Bolton. |
| Manchester - | 539,079 | 326 | 206 | 42 | 45 | – | 3 | 1 | 2 | 3 | – | 7 | 4 | 9 | 51 | – | 19·9 | 1·5 | – | – | – | – | – | – | Manchester. |
| Salford - - | 215,702 | 133 | 76 | 18 | 16 | – | 1 | – | – | 2 | – | 3 | 9 | 16 | 14 | 1 | 18·4 | 1·5 | – | – | – | – | – | – | Salford. |
| Oldham - - | 148,288 | 75 | 46 | 6 | 14 | – | 1 | – | – | 1 | 1 | – | 3 | 3 | 8 | – | 16·2 | 1·1 | – | – | – | – | – | – | Oldham. |
| Burnley - - | 109,546 | 63 | 24 | 8 | 2 | – | – | – | – | – | 1 | 1 | 1 | 4 | 1 | – | 11·4 | 1·0 | – | – | – | – | – | – | Burnley. |
| Blackburn - - | 133,228 | 82 | 34 | 6 | 9 | – | – | – | – | – | – | 1 | 1 | 1 | 6 | – | 13·3 | 0·4 | – | – | – | – | – | – | Blackburn. |
| Preston - - | 116,356 | 65 | 29 | 6 | 10 | – | – | – | – | 1 | – | 2 | 2 | 2 | 3 | 3 | 13·0 | 1·3 | – | – | – | – | – | – | Preston. |
| Huddersfield - | 102,454 | 49 | 23 | 3 | 8 | – | – | – | – | 1 | – | – | – | 1 | 1 | – | 11·7 | 0·5 | 67·5 | 46·8 | 55·2 | 12·89 | 1·36 | 3·45 | Huddersfield. |
| Halifax - - | 96,729 | 45 | 27 | 7 | 8 | – | 2 | – | – | – | – | – | 1 | 2 | 4 | 1 | 14·6 | 1·1 | – | – | – | – | – | – | Halifax. |
| Bradford - - | 233,737 | 108 | 63 | 15 | 12 | – | 2 | – | – | 3 | – | – | 4 | 5 | 6 | 2 | 14·1 | 1·1 | 69·8 | 50·0 | 58·7 | 14·83 | 0·36 | 2·18 | Bradford. |
| Leeds - - - | 416,618 | 212 | 129 | 25 | 27 | – | 7 | 4 | – | 2 | – | – | 7 | 17 | 19 | | 16·1 | 1·6 | – | – | – | – | – | – | Leeds. |
| Sheffield - - | 356,478 | 237 | 107 | 22 | 27 | – | 3 | – | 1 | 5 | 2 | 5 | 5 | 6 | 15 | 2 | 15·7 | 2·3 | – | – | – | – | – | – | Sheffield. |
| Hull - - - | 229,887 | 150 | 64 | 20 | 8 | – | 1 | 1 | – | 1 | – | 3 | 5 | 6 | 9 | 1 | 14·5 | 1·4 | – | – | – | – | – | – | Hull. |
| Sunderland - | 143,849 | 96 | 59 | 21 | 14 | – | – | – | – | 3 | – | 1 | – | 4 | 5 | – | 21·4 | 1·4 | – | – | – | – | – | – | Sunderland. |
| Gateshead - - | 103,775 | 55 | 33 | 7 | 8 | – | 1 | – | – | 1 | 1 | 2 | 1 | 4 | – | – | 16·6 | 2·5 | – | – | – | – | – | – | Gateshead. |
| Newcastle - - | 223,021 | 141 | 104 | 30 | 22 | – | 6 | – | – | 4 | – | 1 | 10 | 14 | 18 | – | 24·3 | 2·6 | – | – | – | – | – | – | Newcastle. |

* See note * on first page of this return.

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the TWENTY-FIFTH Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2534 | 2636 | 2516 | 2389 | 2654 | 2520 | 2334 | 2639 | 2511 | 2110 | 2614·2 | 2385 |
| Males - - | 1277 | 1353 | 1295 | 1228 | 1319 | 1291 | 1167 | 1369 | 1281 | 1083 | 1332·5 | 1247 |
| Females - | 1257 | 1283 | 1221 | 1161 | 1335 | 1229 | 1167 | 1270 | 1230 | 1027 | 1281·7 | 1138 |
| TOTAL **Deaths** - | 1190 | 1243 | 1387 | 1538 | 1415 | 1866 | 1330 | 1276 | 1371 | 1246 | 1458·7 | 1257 |
| Males - - | 609 | 659 | 718 | 827 | 733 | 1015 | 681 | 638 | 694 | 624 | 757·8 | 654 |
| Females - - | 581 | 584 | 669 | 711 | 682 | 851 | 646 | 638 | 677 | 622 | 700·9 | 603 |

* The numbers in this column are the average weekly numbers in the twenty-fifth week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | Apr. 2. | Apr. 9. | Apr. 16. | Apr. 23. | Apr. 30. | May 7. | May 14. | May 21. | May 28. | June 4. | June 11. | June 18. | June 25. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** - - - | 2860 | 2415 | 2623 | 2769 | 2522 | 2449 | 2425 | 2285 | 2569 | 2199 | 2646 | 2532 | 2385 |
| TOTAL **Deaths** - - - | 1883 | 1691 | 1648 | 1546 | 1485 | 1464 | 1356 | 1360 | 1385 | 1392 | 1411 | 1193 | 1257 |
| Ages at Death: Under 1 year - - | 386 | 368 | 377 | 336 | 346 | 297 | 288 | 322 | 339 | 259 | 294 | 276 | 306 |
| 1—5 years - - | 338 | 295 | 285 | 283 | 265 | 272 | 206 | 215 | 202 | 225 | 200 | 155 | 167 |
| 5—20 " - - | 84 | 86 | 76 | 88 | 80 | 60 | 71 | 86 | 83 | 94 | 83 | 68 | 74 |
| 20—40 " - - | 198 | 195 | 186 | 194 | 181 | 198 | 200 | 176 | 167 | 173 | 192 | 170 | 187 |
| 40—60 " - - | 344 | 309 | 290 | 300 | 283 | 276 | 268 | 271 | 246 | 281 | 288 | 259 | 244 |
| 60—80 " - - | 424 | 364 | 362 | 272 | 274 | 309 | 259 | 247 | 293 | 294 | 302 | 225 | 228 |
| 80 years and upwards | 109 | 74 | 72 | 73 | 56 | 52 | 64 | 43 | 55 | 66 | 52 | 40 | 51 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox - - - - - | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Measles - - - - - | 115 | 108 | 117 | 131 | 107 | 99 | 76 | 82 | 74 | 68 | 74 | 50 | 43 |
| Scarlet Fever - - - | 22 | 19 | 12 | 10 | 13 | 10 | 11 | 16 | 6 | 17 | 10 | 10 | 8 |
| Diphtheria - - - - | 45 | 29 | 34 | 31 | 39 | 27 | 20 | 31 | 27 | 30 | 23 | 26 | 21 |
| Whooping-cough - - - | 63 | 64 | 59 | 53 | 70 | 52 | 48 | 47 | 59 | 45 | 51 | 44 | 39 |
| Typhus - - - - - | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| Enteric Fever - - - | 7 | 9 | 7 | 5 | 7 | 5 | 7 | 1 | 6 | 3 | 4 | 4 | 4 |
| Simple Continued Fever - | – | – | – | 1 | – | – | – | – | – | – | – | – | – |
| Diarrhœa and Dysentery .. | 9 | 15 | 12 | 10 | 10 | 13 | 8 | 16 | 10 | 17 | 22 | 12 | 17 |
| Cholera - - - - - | – | – | – | – | – | – | – | – | – | – | – | – | – |
| All the above Diseases - | 262 | 244 | 241 | 241 | 246 | 206 | 170 | 193 | 182 | 180 | 184 | 146 | 132 |
| Dis. of Respiratory System - | 451 | 372 | 305 | 283 | 274 | 226 | 232 | 177 | 216 | 226 | 212 | 185 | 171 |
| Phthisis - - - - - | 160 | 146 | 138 | 154 | 153 | 158 | 168 | 159 | 134 | 126 | 156 | 134 | 140 |
| Dis. of Circulatory System - | 147 | 140 | 141 | 129 | 131 | 116 | 114 | 141 | 120 | 141 | 124 | 87 | 92 |
| Violence - - - - | 53 | 78 | 76 | 54 | 61 | 61 | 58 | 65 | 63 | 77 | 88 | 53 | 71 |
| Inquest Cases - - - - | 141 | 137 | 158 | 123 | 142 | 130 | 122 | 108 | 154 | 150 | 166 | 106 | 112 |
| Deaths in Public Institutions - | 544 | 529 | 461 | 472 | 447 | 440 | 431 | 449 | 438 | 451 | 430 | 395 | 418 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean - - - - - | 40°·7 | 49°·3 | 49°·3 | 46°·4 | 48°·3 | 51°·9 | 50°·7 | 49°·0 | 54°·7 | 51°·9 | 60°·2 | 55°·2 | 60°·5 |
| Mean of Highest readings - | 48·3 | 59·3 | 57·4 | 56·8 | 57·5 | 59·9 | 59·0 | 56·7 | 64·8 | 61·2 | 70·6 | 63·5 | 70·5 |
| Mean of Lowest readings - | 34·4 | 40·6 | 42·2 | 37·6 | 40·4 | 44·8 | 44·7 | 42·8 | 46·7 | 44·6 | 50·8 | 48·3 | 53·1 |
| Humidity of the Air - - | 79 | 67 | 72 | 73 | 81 | 75 | 76 | 82 | 76 | 76 | 78 | 76 | 74 |
| Rain-fall (in inches) - - | 0·15 | 0·13 | 0·31 | 0·00 | 0·49 | 0·58 | 0·54 | 0·78 | 0·40 | 0·61 | 0·32 | 0·01 | 0·47 |
| Registered Sunshine (in hours) | 28·9 | 47·8 | 25·8 | 46·4 | 23·9 | 36·6 | 30·8 | 32·2 | 37·0 | 26·4 | 41·1 | 32·3 | 39·3 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox - - - - - | – | – | – | – | – | – | – | – | – | 1 | 1 | 1 | – |
| Scarlet Fever - - - - | 2377 | 2421 | 2384 | 2334 | 2302 | 2271 | 2247 | 2241 | 2195 | 2207 | 2169 | 2194 | 2238 |
| Diphtheria - - - - | 1009 | 1004 | 962 | 953 | 930 | 942 | 948 | 953 | 923 | 973 | 1001 | 1018 | 999 |
| Enteric Fever - - - - | 64 | 62 | 61 | 67 | 59 | 54 | 57 | 55 | 54 | 55 | 44 | 47 | 52 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton: A. W. Preston, Esq. F.R. Met. Soc., Norwich: John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and J. Boobbyer Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S. Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-FIFTH Week of the Year 1898.

| CAUSES OF DEATH. | Corrected Averages for the 25th Week of the 10 years 1888–97*. | In the Week ending Saturday, 25th June 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0–1. | 1–5. | 5–20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| CAUSES - - - | 1458·7 | 1257 | 306 | 167 | 74 | 187 | 244 | 228 | 51 |
| all- Vaccinated† - | 0·1 | – | – | – | – | – | – | – | – |
| ox Unvaccinated | 0·8 | – | – | – | – | – | – | – | – |
| No Statement | 0·8 | – | – | – | – | – | – | – | – |
| sles - - - - | 65·5 | 43 | 12 | 29 | 2 | – | – | – | – |
| let Fever - - - | 17·7 | 8 | 1 | 3 | 2 | 2 | – | – | – |
| hus - - - - | – | – | – | – | – | – | – | – | – |
| psing Fever - - | – | – | – | – | – | – | – | – | – |
| enza - - - - | 16·7 | 9 | – | – | 1 | 3 | – | 5 | – |
| oping-cough - - | 39·6 | 39 | 17 | 22 | – | – | – | – | – |
| ntheria - - | 36·2 | 21 | 3 | 15 | 3 | – | – | – | – |
| ple Continued and -defined Fever - | 0·7 | – | – | – | – | – | – | – | – |
| eric Fever - - - | 9·0 | 4 | – | – | 1 | 2 | 1 | – | – |
| lera and Chol. Diarr. | 1·4 | – | – | – | – | – | – | – | – |
| rhœa, Dysentery - | 50·1 | 17 | 12 | 3 | – | – | 1 | 1 | – |
| ittent Fever - - | – | 1 | 1 | – | – | – | – | – | – |
| rophobia - - - | – | – | – | – | – | – | – | – | – |
| ders - - - - | 0·1 | 1 | – | – | 1 | – | – | – | – |
| pox and Effects of ccination - - | 0·3 | – | – | – | – | – | – | – | – |
| real Affections - - | 10·0 | 5 | 2 | – | – | 2 | 1 | – | – |
| sipelas - - - | 4·8 | 2 | 1 | – | – | – | 1 | – | – |
| mia and Septicæmia | 2·0 | – | – | – | – | – | – | – | – |
| rperal Fever - - | 4·4 | 4 | – | – | – | 3 | 1 | – | – |
| er Zymotic Diseases | 2·0 | – | – | – | – | – | – | – | – |
| ash - - - - - | 1·5 | – | – | – | – | – | – | – | – |
| ms and other Para- ical Diseases - | 0·2 | – | – | – | – | – | – | – | – |
| vation, Want of east-milk - - | 1·3 | – | – | – | – | – | – | – | – |
| holism - - - | 9·5 | 16 | – | – | – | 5 | 8 | 3 | – |
| matic Fever, eumatism of Heart | 6·6 | 9 | – | 1 | 3 | 1 | 2 | 2 | – |
| umatism - - - | 1·5 | 1 | – | – | – | – | – | 1 | – |
| - - - - - | 2·9 | 2 | – | – | – | – | 1 | 1 | – |
| ets - - - - | 5·6 | 6 | 3 | 3 | – | – | – | – | – |
| er - - - - | 70·2 | 78 | – | – | 1 | 5 | 34 | 32 | 6 |
| s Mesenterica - - | 22·7 | 10 | 3 | 3 | 1 | 3 | – | – | – |
| ercular Meningitis - | 25·9 | 23 | 3 | 12 | 6 | 2 | – | – | – |
| isis - - - - | 148·7 | 140 | 1 | 6 | 19 | 61 | 44 | 8 | 1 |
| fula, Tuberculosis - | 17·9 | 25 | 7 | 7 | 3 | 2 | 6 | – | – |
| r Constitutional seases - - | 13·0 | 18 | 1 | – | 1 | 2 | 6 | 7 | 1 |
| nature Birth - - | 44·3 | 55 | 55 | – | – | – | – | – | – |
| ectasis - - - | 3·3 | 8 | 8 | – | – | – | – | – | – |
| genital Malforma- ns - - - | 7·2 | 6 | 6 | – | – | – | – | – | – |
| Age - - - - | 46·9 | 42 | – | – | – | – | – | 29 | 13 |
| plexy - - - | 42·7 | 30 | – | – | – | 1 | 12 | 15 | 2 |
| epsy - - - - | 7·3 | 7 | 1 | – | 1 | 2 | 3 | – | – |
| rulsions - - - | 43·7 | 22 | 21 | 1 | – | – | – | – | – |
| r Diseases of Brain l Nervous System | 76·0 | 66 | 14 | 9 | 1 | 8 | 14 | 17 | 3 |
| ases of Organs of ecial Sense - | 2·5 | 2 | – | 1 | 1 | – | – | – | – |

| CAUSES OF DEATH | Corrected Averages for the 25th Week of the 10 years 1888–97*. | In the Week ending Saturday, 25th June 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0–1. | 1–5. | 5–20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 122·9 | 92 | – | 3 | 4 | 16 | 28 | 33 | 8 |
| Croup - - - - | 3·6 | 1 | – | 1 | – | – | – | – | – |
| Bronchitis - - - | 94·4 | 70 | 27 | 7 | – | 4 | 7 | 23 | 2 |
| Pneumonia - - - | 87·2 | 75 | 15 | 21 | 3 | 11 | 13 | 10 | 2 |
| Pleurisy - - - - | 5·7 | 5 | – | 1 | – | 3 | 1 | – | – |
| Other Diseases of Respiratory System - | 17·9 | 20 | 3 | 3 | 2 | – | 4 | 7 | 1 |
| Dentition - - - - | 9·2 | 7 | 3 | 4 | – | – | – | – | – |
| Quinsy, Sore Throat - | 1·5 | 1 | – | – | – | – | 1 | – | – |
| Enteritis - - - - | 15·2 | 24 | 11 | 3 | 4 | 2 | 3 | – | 1 |
| Peritonitis - - - | 7·9 | 5 | – | – | 1 | – | 1 | 2 | 1 |
| Diseases of Liver - - | 23·9 | 21 | 3 | – | – | 3 | 9 | 6 | – |
| Other Diseases of Digestive System | 28·8 | 21 | 5 | 2 | 2 | 6 | 4 | 1 | 1 |
| Diseases of Lymphatic System & of Ductless Glands - - - | 2·7 | 2 | – | – | 1 | 1 | – | – | – |
| Diseases of Urinary System - - - | 41·3 | 47 | – | – | 3 | 12 | 12 | 18 | 2 |
| Diseases of Generative System - - - | 5·8 | 9 | 1 | – | – | 2 | 6 | – | – |
| Accidents of Childbirth - | 6·0 | 2 | – | – | – | 2 | – | – | – |
| Diseases of Locomotive System - - - | 6·4 | 8 | 3 | 1 | – | 1 | 2 | 1 | – |
| Diseases of Integumentary System - - | 5·3 | 12 | 2 | 1 | – | 1 | 1 | 2 | 5 |
| VIOLENT DEATHS‡ (ACCIDENT.) | | | | | | | | | |
| By Railways - - - | 48·8 | 6 | – | – | 1 | 3 | 2 | – | – |
| By Vehicles or Horses - | | 4 | – | – | – | 2 | 2 | – | – |
| In Ships, Boats, Docks, (exclusive of Drowning) - - - | | – | – | – | – | – | – | – | – |
| In Building Operations - | | 1 | – | – | – | – | 1 | – | – |
| In Conflagrations - - | | – | – | – | – | – | – | – | – |
| By Burns, Scalds, Explosions - - | | 2 | – | – | – | 2 | – | – | – |
| By Drowning - - - | | 5 | – | – | 2 | 1 | 2 | – | – |
| By Suffocation in Bed - | | 15 | 15 | – | – | – | – | – | – |
| By Poisons or Poisonous Vapours - - | | 3 | – | – | 1 | 2 | – | – | – |
| Other or not stated causes - - - - | | 23 | 5 | 4 | 3 | 2 | 5 | 2 | 2 |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - | 1·5 | 2 | – | – | – | 1 | 1 | – | – |
| Suicide - - - - | 9·6 | 10 | – | – | – | 5 | 3 | 2 | – |
| Execution - - - | 0·5 | – | – | – | – | – | – | – | – |
| OTHER CAUSES - - | 49·0 | 44 | 41 | 1 | – | 1 | 1 | – | – |

The numbers in this column are the average weekly deaths for the ten years 1888–97, raised by 5·230 per cent. for increase population.

Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered ical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the e of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of dent, murder manslaughter or suicide. All such cases are classed under "accident.'

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 25th June, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2385 | 1257 | 306 | 279 | - | 43 | 8 | 21 | 39 | - | 4 | - | 17 | 71 | 112 | 418 |
| WEST DISTRICTS - - - | 778,251 | 354 | 210 | 47 | 46 | - | 7 | 1 | 1 | 7 | - | - | - | 2 | 15 | 24 | 69 |
| NORTH DISTRICTS - - - | 1,040,694 | 553 | 277 | 56 | 74 | - | 10 | 4 | 5 | 9 | - | 1 | - | 2 | 22 | 28 | 90 |
| CENTRAL DISTRICTS - - - | 233,635 | 129 | 84 | 19 | 7 | - | 4 | - | 2 | 3 | - | - | - | 1 | 5 | 7 | 33 |
| EAST DISTRICTS - - - | 716,334 | 454 | 217 | 67 | 35 | - | 6 | - | 1 | 6 | - | 2 | - | 4 | 11 | 24 | 74 |
| SOUTH DISTRICTS - - - | 1,642,796 | 895 | 446 | 117 | 106 | - | 16 | 3 | 12 | 14 | - | 1 | - | 7 | 18 | 29 | 129 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | -- | - | 23 | - | 11 | - | - | - | - | - | - | - | - | 1 | - | - | 23 |
| WEST DISTRICTS. | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 41 | 25 | 4 | 3 | - | 3 | - | - | 1 | - | - | - | - | 2 | 4 | 6 |
| St. John Paddington *H* - - G. | 33,510 | 5 | 12 | 1 | 4 | - | - | - | - | - | - | - | - | - | 1 | 2 | 8 |
| Kensington Town *Ww* - - W. | 122,164 | 72 | 40 | 18 | 6 | - | - | - | - | - | - | - | - | - | 3 | 4 | 12 |
| Brompton *HH* - - - W. & C. | 48,301 | 3 | 14 | 2 | 4 | - | - | - | - | - | - | - | - | - | 1 | 1 | 3 |
| St. Peter Hammersmith - - W. | 9,097 | 3 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Paul Hammersmith *HH* W. & G. | 25,102 | 53 | 18 | 5 | 5 | - | - | - | - | 2 | - | - | - | - | 1 | 1 | 2 |
| Fulham *Ww* - - - W. & C. | 113,781 | 65 | 28 | 8 | 7 | - | 1 | 1 | - | 2 | - | - | - | - | 1 | 2 | 9 |
| Chelsea Kensal Town - C. | 21,450 | 12 | 6 | - | 1 | - | 1 | - | 1 | 1 | - | - | - | - | - | - | - |
| Chelsea North *WHHHH* - C. | 42,057 | 20 | 15 | - | 2 | - | 1 | - | - | - | - | - | - | - | - | 1 | 11 |
| Chelsea South *HH* - - C. | 33,139 | 8 | 10 | 2 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | 2 |
| May Fair *W* - - - - - G. | 23,827 | 7 | 8 | 1 | 4 | - | - | - | - | - | - | - | - | - | 1 | 2 | 6 |
| Belgrave *WHHH* - - - C. | 56,140 | 20 | 12 | 4 | 1 | - | - | - | - | - | - | - | - | 2 | 3 | 5 | 8 |
| St. John Westminster *HH* - C. | 31,492 | 13 | 3 | - | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - |
| St. Margaret Westminster *H* - C. | 22,097 | 12 | 8 | 2 | 1 | - | - | - | - | - | - | - | - | - | 2 | 2 | 2 |
| St. James Westminster *WHH* N. & G. | 23,050 | 14 | 8 | - | 3 | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 6 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| NORTH DISTRICTS. | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - - W. | 36,595 | 13 | 13 | - | 2 | - | - | - | - | - | - | - | - | - | 3 | 2 | 6 |
| Rectory Marylebone *W* G. & W. | 19,798 | 5 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 26 | 4 | 2 | - | - | - | - | - | - | - | - | - | - | 1 | 1 | 2 |
| Christchurch Marylebone *H* - W | 32,547 | 16 | 8 | 5 | 1 | - | - | - | - | - | - | - | - | 1 | 2 | 3 | - |
| St. John Marylebone *HHH* W. | 32,611 | 18 | 4 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 30 | 24 | 2 | 8 | - | - | 3 | 2 | - | - | - | - | - | 2 | 2 | 11 |
| Regent's Park Pancras *HH* - W. | 37,341 | 18 | 6 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| Tottenham-court *wHHH* - N. & W. | 26,757 | 12 | 16 | - | 5 | - | - | - | - | - | - | - | - | 1 | - | - | 14 |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 18 | 9 | - | 4 | - | - | - | - | - | - | - | - | - | 4 | 5 | 4 |
| Somers Town *HH* - - - N. | 32,161 | 20 | 15 | 4 | 1 | - | - | - | - | 2 | - | 1 | - | - | 1 | 1 | 4 |
| Camden Town *WH* - - N. | 16,669 | 10 | 11 | 3 | 4 | - | - | - | - | - | - | - | - | - | - | 1 | 8 |
| Kentish Town *WW* - - N. | 98,410 | 52 | 25 | 8 | 6 | - | - | - | - | 1 | - | - | - | - | - | 1 | 5 |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 66 | 44 | 11 | 14 | - | 2 | - | - | 2 | - | - | - | - | 2 | 2 | 20 |
| Islington South-west H - N. | 107,365 | 63 | 21 | 6 | 3 | - | 6 | 1 | - | 1 | - | - | - | - | - | 1 | - |
| Islington South-east - - N. | 66,549 | 30 | 11 | 2 | 3 | - | 1 | - | - | 1 | - | - | - | - | 1 | 1 | - |
| Highbury *HH* - - - N. | 64,577 | 31 | 11 | - | 6 | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Stoke Newington *H* - N. | 33,485 | 20 | 9 | 2 | 3 | - | - | - | - | - | - | - | - | - | 1 | 1 | - |
| North Hackney - - E. & N. | 213,044 | 18 | 4 | 1 | 2 | - | - | - | - | - | - | - | - | - | 1 | 2 | - |
| Central Hackney *ww* - E. & N. | | 28 | 8 | 1 | - | - | - | - | 3 | - | - | - | - | - | 1 | 1 | 3 |
| South-west Hackney *HHH* E. & N. | | 29 | 11 | 1 | 2 | - | - | - | - | 1 | - | - | - | - | - | - | 2 |
| South-east Hackney *WwH* E. & N. | | 30 | 21 | 5 | 8 | - | 1 | - | - | 1 | - | - | - | - | 2 | 2 | 11 |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated there, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers are received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. The Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River E. East London; and K. the Kent Company.

* See note † on first page of this Return.

ABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday, 25th June, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population. 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CENTRAL DISTRICTS. | | | | | | | | | | | | | | | | | | |
| St. George Bloomsbury - - N. | 16,110 | 4 | 5 | 1 | 1 | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - |
| St. Giles South *WH* - - N. | 12,976 | 16 | 4 | 2 | - | - | 1 | - | - | - | - | - | - | - | - | - | 2 | - |
| St. Giles North *H* - - - N. | 9,151 | 4 | 3 | - | - | - | - | - | - | 1 | - | - | - | - | - | - | 1 | - |
| St. Martin-in-the-Fields *HH* N. & C. | 13,077 | 2 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - |
| Strand *WHH* - - - - N. | 11,839 | 1 | 4 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | 3 | - |
| *Strand Union Workhouse, Edmonton* | †*1,037* | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Holborn *wHHHHHHH* - N. | 31,042 | 21 | 16 | 4 | 1 | - | 1 | - | - | - | - | - | - | - | 1 | 1 | 5 | - |
| St. James Clerkenwell - - N. | 15,777 | 13 | 5 | 3 | - | - | - | - | - | 1 | - | - | - | 1 | - | - | - | 1 |
| Amwell Clerkenwell - - N. | 34,356 | 15 | 7 | 3 | - | - | 1 | - | - | 1 | - | - | - | - | - | - | - | - |
| Goswell-street - - - - N. | 16,069 | 12 | 4 | 2 | - | - | - | - | 2 | - | - | - | - | - | - | - | - | - |
| City-road *HHHL* - - - N. | 29,897 | 27 | 8 | 1 | - | - | 1 | - | - | - | - | - | - | - | - | 1 | 5 | - |
| Whitecross-street - - - N. | 7,595 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Finsbury - - - - - N. | 4,035 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| *Holborn Union Workhouse, Mitcham* - - - - | †*892* | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Botolph *H* - - N. & E. | 6,870 | 2 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Tripplegate - - - - N. | 3,299 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Sepulchre *WH* - - - N. | 9,591 | 5 | 19 | 2 | 3 | - | - | - | - | - | - | - | - | - | 1 | 2 | 15 | - |
| All Hallows Barking - - - N. | 9,059 | 1 | 4 | - | - | - | - | - | - | - | - | - | - | - | 2 | 2 | - | 1 |
| Broad Street *H* - - - N. | 2,892 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| *City of London Asylum, Stone* - - | †*388* | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| EAST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| Shoreditch South *Hl* - E. & N. | 17,975 | 10 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Hoxton New Town *w* - - N. | 29,575 | 18 | 6 | 2 | 2 | - | - | - | 1 | 1 | - | - | - | - | - | 1 | - | - |
| Hoxton Old Town - - - N. | 27,645 | 17 | 9 | 5 | 1 | - | - | - | - | 1 | - | - | - | 1 | - | - | - | - |
| Haggerston *WH* - - N. & E. | 47,163 | 37 | 13 | 4 | 3 | - | - | - | - | - | - | - | - | 1 | 1 | 1 | 8 | - |
| Bethnal Green North *H* - E. | 49,301 | 32 | 7 | 4 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| Bethnal Green South - - E. | 34,194 | 23 | 8 | 5 | 1 | - | 1 | - | - | 1 | - | - | - | - | - | - | - | - |
| Bethnal Green East *WHl* - E. | 45,667 | 25 | 14 | 1 | 3 | - | 1 | - | - | - | - | - | - | - | 1 | 2 | 7 | - |
| Spitalfields - - - E. & N. | 26,681 | 18 | 7 | 3 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Mile End New Town *W* - E. | 12,816 | 17 | 13 | 2 | 3 | - | - | - | - | - | - | - | - | - | - | - | 9 | - |
| Whitechapel Church *H* - E. & N. | 25,561 | 21 | 22 | 3 | 1 | - | - | - | - | - | - | 1 | - | - | 1 | 2 | 19 | - |
| Goodman's Fields - - - E. | 13,618 | 5 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - |
| St. George's North - - - E. | 39,576 | 27 | 5 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | 2 | - | - |
| St. John, St. George East *W* E. | 7,930 | 1 | 7 | 1 | 2 | - | - | - | - | - | - | - | - | 1 | - | 2 | 5 | - |
| Shadwell *H* - - - E. & N. | 10,434 | 3 | 12 | 6 | - | - | 1 | - | - | - | - | - | - | 1 | 2 | 2 | 9 | - |
| Ratcliff *W* - - - - E. | 14,954 | 5 | 4 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Limehouse - - - - E. | 32,917 | 19 | 13 | 5 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| Mile End Old Town West *H* E. | 111,060 | 45 | 14 | 8 | - | - | 1 | - | - | - | - | - | - | - | 1 | 2 | - | - |
| Mile End Old Town East *WWww* - E. | | 23 | 13 | 2 | 2 | - | - | - | - | 1 | - | - | - | - | 3 | 3 | 3 | - |
| Bow *l* - - - - E. | 41,687 | 23 | 12 | 4 | - | - | - | - | - | - | - | 1 | - | - | - | 2 | - | - |
| Bromley *wwwH* - - - E. | 69,821 | 47 | 23 | 3 | 7 | - | 1 | - | - | 2 | - | - | - | - | - | 2 | 13 | - |
| Poplar *WW* - - - - E. | 57,759 | 38 | 11 | 7 | 1 | - | - | - | - | - | - | - | - | - | 1 | 1 | 1 | - |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX MEASLE SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in eac SUB-DISTRICT during the Week ending Saturday, 25th June, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or typhoid) Fever. | Continued Simple Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WH* L.&S. | 13,064 | 7 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| St. Saviour Southwark - - S. | 12,301 | 7 | 3 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Kent-road - - - - S. & L. | 22,879 | 10 | 6 | 2 | 1 | – | – | – | 1 | – | – | – | – | – | 2 | 2 | – | |
| Borough-road *WH* - S. & L. | 16,083 | 9 | 10 | 3 | 2 | – | – | – | – | 2 | – | – | – | – | – | 1 | 7 | |
| London-road *HL* - - L. & S. | 21,316 | 11 | 5 | 2 | – | – | – | – | – | 1 | – | – | – | 1 | – | – | – | |
| Trinity Newington - - S. & L. | 28,723 | 8 | 4 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | |
| St. Peter Walworth *W* - S. & L. | 62,045 | 51 | 14 | 3 | 2 | – | – | – | – | – | – | – | – | – | – | 1 | – | |
| St. Mary Newington- - L. & S. | 30,171 | 22 | 6 | 4 | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | |
| St. Olave *WH* - - - - S. | 11,731 | 3 | 21 | 5 | 3 | – | – | – | – | – | – | – | – | – | – | – | 17 | |
| Leather Market *W* - S. & L. | 32,339 | 20 | 4 | 1 | – | – | – | – | – | 1 | – | – | – | – | – | – | – | |
| St. James Bermondsey - - S. | 53,136 | 27 | 9 | 1 | 3 | – | – | – | – | – | – | – | – | – | – | 2 | – | |
| Rotherhithe *WwH* - S. & K. | 40,379 | 12 | 14 | 1 | 3 | – | – | – | – | 1 | – | – | – | – | – | 1 | 8 | |
| Waterloo-road *HH* - L. & S. | 28,396 | 30 | 7 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | 2 | |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 3 | 13 | 2 | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 | 10 | |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 23 | 18 | 3 | 4 | – | – | – | – | – | – | – | – | – | – | 1 | 12 | |
| Kennington 1st *H* - - S. & L. | 52,486 | 36 | 13 | 3 | 6 | – | – | – | 1 | – | – | – | – | 1 | – | 1 | – | |
| Kennington 2nd - - S. & L. | 43,244 | 23 | 8 | 5 | – | – | – | – | 1 | – | – | – | – | – | – | – | – | |
| Brixton *w* - - - L. & S. | 81,825 | 44 | 16 | 6 | 4 | – | – | – | – | 1 | – | – | – | 1 | – | – | – | |
| Norwood *WH* - - - - L. | 29,318 | 12 | 3 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | |
| East Battersea - - - - S. | 71,730 | 35 | 13 | 5 | 3 | – | – | – | – | – | – | – | – | 2 | – | – | – | |
| West Battersea *WwH* - - S | 93,385 | 47 | 24 | 7 | 6 | – | – | – | – | – | – | – | – | 1 | 2 | 3 | 9 | |
| Clapham *H* - - - - S. | 46,953 | 25 | 8 | 3 | 4 | – | – | – | – | 1 | – | – | – | – | 1 | 2 | 1 | |
| Wandsworth *WHHL* - - S. | 58,101 | 45 | 17 | 10 | 3 | – | 3 | – | – | – | – | – | – | – | – | – | 1 | |
| Putney - - - - - S. | 20,566 | 14 | 5 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | |
| Streatham *Wwww* - - - L. | 61,644 | 40 | 12 | 2 | 2 | – | 3 | – | 2 | – | – | – | – | – | – | – | 2 | |
| Dulwich - - - - L. & S. | 7,519 | 1 | 3 | – | 3 | – | – | – | – | – | – | – | – | – | – | – | – | |
| Camberwell *Wwll* - S. & L. | 90,286 | 43 | 39 | 3 | 13 | – | – | – | – | 2 | – | – | – | – | 1 | 2 | 27 | |
| Peckham *WW* - S., L., & K. | 88,242 | 53 | 19 | 8 | 3 | – | – | – | 1 | 1 | – | – | – | – | – | – | – | |
| St. George Camberwell - L. & S. | 67,029 | 34 | 16 | 2 | 6 | – | – | – | 1 | – | – | 1 | – | – | 1 | 2 | – | |
| Deptford North - - - K. | 36,152 | 28 | 12 | 5 | 1 | – | 4 | – | – | 1 | – | – | – | – | 1 | 1 | – | |
| Deptford Central *w* - - K. | 45,441 | 41 | 8 | 2 | – | – | 1 | – | 3 | – | – | – | – | – | 1 | 1 | 4 | |
| Deptford South - - - K. | 33,402 | 8 | 6 | 3 | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | |
| Greenwich West *H* - - K. | 23,012 | 6 | 6 | 1 | 1 | – | 1 | – | – | 1 | – | – | – | – | 2 | 2 | 2 | |
| Greenwich East *WH* - - K. | 37,767 | 11 | 13 | 1 | 7 | – | – | – | – | – | – | – | – | – | 1 | 1 | 8 | |
| Eltham *wH* - - - - K. | 5,911 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Lee *H* - - - - - K. | 24,222 | 8 | 9 | 2 | 4 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | |
| Lewisham *WwH* - - - K. | 38,139 | 19 | 16 | 4 | 4 | – | – | 3 | 2 | – | – | – | – | – | – | – | 11 | |
| Sydenham *H* - - - - L. | 37,601 | 24 | 7 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | |
| Charlton *wHH* - - K. | 15,928 | 5 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Woolwich Dockyard - - - K. | 19,355 | 4 | 5 | 2 | – | – | – | – | – | 1 | – | – | – | 1 | – | – | – | |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 9 | 5 | 3 | – | – | – | – | – | – | – | – | – | – | 1 | 1 | – | |
| Plumstead West *H* - - K. | 16,714 | 14 | 6 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | |
| Plumstead East *WH* - - K. | 42,538 | 21 | 20 | 2 | 8 | – | 4 | – | – | 1 | – | – | – | – | 1 | 1 | 8 | |
| Banstead Asylum - - - - | — | – | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 2 | |
| Caterham Asylum - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Cane Hill Asylum - - - - | — | – | 7 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 7 | |
| Hospital Ships and Camp, Dartford | — | – | – | – | – | – | 1 | – | – | – | – | – | – | – | – | – | – | |
| Darenth Asylum - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Hanwell Asylum - - - - | — | – | 2 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 2 | |
| Colney Hatch Asylum - - - | — | – | 4 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 4 | |
| N.E. Hospital - - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Winchmore Hill Hospital - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Leavesden Asylum - - - - | — | – | 5 | – | 3 | – | – | – | – | – | – | – | – | 1 | – | – | 5 | |
| Claybury Asylum - - - - | — | – | 3 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 3 | |

ABLE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 25th June, 1898.

| Registration District and Sub-District Numbers. | REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years & upwds. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LONDON—OUTER RING | 368,749 | 1,422,063 | 914 | 346 | 87 | 88 | 1 | 14 | 3 | 11 | 9 | 2 | 1 | 14 | 30 | 50 | 3 |
| 30 : 1 | Carshalton *wHH* | 12,228 | 26,108 | 13 | 2 | – | 1 | – | – | – | – | – | 1 | – | – | 1 | – | – |
| 2 | Epsom, *part of** *WwHH* | 10,423 | 12,508 | 3 | 2 | 1 | – | – | – | – | – | – | – | – | 1 | 1 | 1 | – |
| 37 : 1 | Godstone, *part of** *W* | 2,754 | 1,598 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 38 : 1 | Croydon *WwHHH* | 20,851 | 128,699 | 57 | 32 | 3 | 10 | – | 2 | – | – | – | – | – | 4 | 7 | 8 | – |
| 2 | Mitcham *w* | 11,697 | 23,088 | 12 | 3 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 39 : 1 | Wimbledon *HHH* | 3,220 | 25,761 | 26 | 3 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Kingston *W* | 8,071 | 33,566 | 18 | 4 | 1 | – | – | 1 | – | – | – | – | – | – | – | – | – |
| 3 | Surbiton *H* | | 11,199 | 1 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| 4 | Esher, *part of** *HH* | 6,601 | 12,059 | 5 | 3 | 2 | – | – | – | – | – | – | – | – | – | 1 | – | – |
| 5 | Hampton *HL* | 4,565 | 18,252 | 12 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 40 : 1 | Richmond *WH* | 2,160 | 25,389 | 14 | 4 | – | 2 | – | – | – | – | – | – | – | 1 | 1 | 2 | – |
| 2 | Mortlake *H* | 2,823 | 16,159 | 9 | 9 | 4 | – | – | – | 1 | – | 1 | – | – | 2 | 3 | 1 | – |
| 41 : 1 | Bromley *HHH* | 9,127 | 23,815 | 9 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Beckenham *H* | 6,542 | 21,969 | 18 | 3 | – | 2 | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 10 | 7 | 1 | 1 | – | – | – | – | – | – | – | – | – | 2 | – |
| 42 : 1 | Bexley *HHH* | 12,540 | 30,590 | 22 | 8 | 3 | 2 | – | 2 | – | 2 | 1 | – | – | – | – | – | – |
| 2 | Dartford *WH, part of** | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 24 : 1 | Sunbury *w* | 11,054 | 13,671 | 8 | 6 | 2 | 2 | – | 2 | – | – | 1 | – | – | – | – | – | – |
| 2 | Staines *WH* | 13,277 | 13,221 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| 25 : 1 | Hillingdon *WHH* | 6,035 | 12,237 | 7 | 6 | – | 2 | – | – | – | 1 | – | – | – | – | – | 2 | – |
| 2 | Uxbridge | 12,757 | 7,253 | 2 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Hayes *wH* | 7,952 | 11,051 | 8 | 2 | 1 | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| 26 : 1 | Isleworth *WHH* | 6,967 | 26,004 | 16 | 5 | 1 | 1 | – | – | – | – | – | – | – | 1 | 1 | 2 | – |
| 2 | Twickenham *HH* | 2,415 | 16,027 | 8 | 5 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Brentford *HHHH* | 4,318 | 37,777 | 24 | 12 | 3 | 1 | – | 2 | – | – | – | – | – | 1 | 1 | – | 1 |
| 4 | Chiswick | 1,245 | 21,963 | 22 | 5 | – | 3 | – | – | – | – | – | – | – | – | – | – | 2 |
| 5 | Acton *wH* | 6,132 | 30,945 | 17 | 7 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – |
| 27 : 1 | Harrow *HHH* | 13,809 | 15,715 | 4 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | 1 | – |
| 2 | Edgware *HH* | 6,994 | 3,844 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Willesden *HHH* | 4,383 | 61,265 | 57 | 15 | 5 | 2 | – | – | 1 | 1 | – | – | – | – | – | 2 | – |
| 4 | Hendon *WH* | 8,382 | 15,843 | 11 | 8 | 2 | 2 | – | – | – | – | – | – | 1 | – | – | 2 | – |
| 28 : 1 | South Mimms *HH* | 21,077 | 6,367 | 5 | 3 | 1 | 2 | – | – | – | – | – | – | – | – | – | 1 | – |
| 2 | Barnet *WHH* | | 14,152 | 9 | 5 | 2 | 1 | – | – | – | – | 1 | – | – | – | – | – | – |
| 3 | Finchley *HHH* | 4,688 | 25,820 | 14 | 5 | 2 | 2 | – | – | – | – | – | – | – | – | 1 | 1 | – |
| 29 : 1 | Hornsey *HH* | 3,039 | 61,097 | 21 | 11 | 3 | 3 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Tottenham *HH* | 4,642 | 97,174 | 74 | 20 | 2 | 5 | – | 1 | – | 3 | – | – | – | – | 1 | – | – |
| 3 | Edmonton *Www* | 7,489 | 36,351 | 25 | 12 | 1 | 7 | – | – | – | – | – | – | – | – | 1 | 5 | – |
| 4 | Enfield *WWHH* | 12,602 | 31,536 | 21 | 5 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – |
| 5 | Waltham Abbey | 11,017 | 6,066 | 2 | 1 | – | – | 1 | – | – | – | – | – | – | – | – | – | – |
| 6 | Cheshunt *H* | 8,480 | 9,620 | 5 | 4 | 1 | – | – | 2 | – | – | – | – | – | – | 1 | – | – |
| 35 : 1 | Hatfield, *part of** *W* | 3,306 | 582 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 37 : 1 | Bushey *H* | 9,331 | 7,737 | 1 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Watford *WH, part of** | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 136 : 1 | Stratford *H* | 4,706 | 38,612 | 40 | 8 | 2 | 2 | – | 1 | – | – | – | – | – | – | 1 | 1 | – |
| 2 | Plaistow *WHH* | | 58,030 | 46 | 15 | 5 | 3 | – | – | – | 1 | – | – | – | – | – | 1 | – |
| 3 | Canning Town *H* | | 54,750 | 44 | 14 | 7 | 1 | – | – | – | 1 | – | – | – | 1 | 1 | 2 | – |
| 4 | Forest Gate *w* | | 53,511 | 22 | 9 | 1 | 3 | – | – | – | – | – | – | – | 1 | 1 | – | – |
| 5 | East Ham *wH* | 3,266 | 32,713 | 50 | 9 | 4 | 1 | – | – | 1 | – | 1 | – | – | – | 1 | 1 | – |
| 6 | Leyton *WWWwH* | 4,334 | 70,188 | 32 | 25 | 7 | 6 | – | – | – | – | 1 | – | – | – | 1 | 13 | – |
| 7 | Walthamstow *HHL* | 6,501 | 57,330 | 50 | 20 | 6 | 6 | – | – | – | – | 3 | – | – | – | 3 | – | – |
| 137 : 1 | Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 8 | 3 | – | 2 | – | – | – | – | – | 1 | – | – | – | – | – |
| 2 | Epping *WH, part of** | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 139 : 1 | Romford, *part of** *WH* | 6,556 | 4,324 | 5 | 3 | 3 | – | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Ilford | 8,493 | 10,913 | 10 | 5 | 2 | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| 3 | Barking Town, *H* | 3,814 | 14,301 | 13 | 6 | 4 | 1 | – | 1 | – | – | – | – | – | – | – | – | – |
| | Homerton Fever Hosp, | — | — | – | 2 | – | – | – | – | – | 2 | – | – | – | – | – | 2 | – |

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30 : 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37 : 1, the parishes of Warlingham and Farley in Godstone sub-district; 39 : 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41 : 3, Chislehurst sub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135 : 1, the parish of Northaw in Hatfield sub-district; 187 : 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (pop. 1,079); 189 : 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for Infectious Diseases belonging to the Outer Ring in 42 : 2, Dartford; 137 : 2, Watford: and 187 : 2. Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 25th June, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | ANNUAL RATE of MORTALITY per 1000 living. From All Causes. | From Diseases in Cols. 8-14. | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. | 16. |
| GREATER LONDON | **443,421** | **6,408,321** | **13·0** | **1·4** | **1603** | **393** | **367** | **1** | **57** | **11** | **32** | **48** | **6** | **18** | **85** | **468** |
| INNER LONDON - | 74,672 | 4,504,766 | 14·5 | 1·5 | 1257 | 306 | 279 | – | 43 | 8 | 21 | 39 | 4 | 17 | 71 | 418 |
| OUTER RING - | 368,749 | 1,903,555 | 9·5 | 1·1 | 346 | 87 | 88 | 1 | 14 | 3 | 11 | 9 | 2 | 1 | 14 | 50 |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent to the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

| CITIES | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | | BIRTHS. Exclusive of Stillborn | DEATHS. Exclusive of Stillborn | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM PRINCIPAL ZYMOTIC DISEASES. Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœal Diseases. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 295,628 | June | 25 | 133 | 101 | 17·8 | – | 7 | 2 | – | 2 | – | 3 |
| GLASGOW - - | 724,349 | „ | 25 | 513 | 279 | 20·1 | – | 13 | 4 | 1 | 18 | 3 | 12 |
| DUBLIN - - | 349,594 | „ | 25 | 202 | 153 | 22·8 | – | – | – | 2 | 5 | – | 1 |
| CALCUTTA - - | 466,460 | April | 23 | – | – | – | – | – | – | – | – | – | – |
| BOMBAY - - | 821,764 | May | 31 | 177 | 565 | 35·8 | – | – | ? | ? | ? | 172† | 36 |
| MADRAS - - | 452,518 | „ | 20 | 403 | 391 | 44·9 | 1 | 8 | ? | ? | ? | 155 | 40 |
| PARIS - - - | 2,511,629 | June | 18 | 1118 | 864 | 17·9 | – | 36 | 2 | 5* | 10 | 1 | 48 |
| BRUSSELS - - | 531,024 | „ | 18 | 269 | 158 | 14·9 | – | – | – | – | – | – | 19 |
| AMSTERDAM - | 507,789 | „ | 11 | 248 | 153 | 15·7 | – | 2 | – | 1 | 1 | 1 | – |
| ROTTERDAM - | 301,816 | „ | 11 | 213 | 115 | 19·8 | – | 8 | – | – | 1 | – | – |
| THE HAGUE - | 1[illegible]6,325 | „ | 11 | 117 | 54 | 14·3 | – | – | – | – | – | – | – |
| COPENHAGEN - | 340,500 | „ | 18 | 192 | 128 | 19·6 | – | – | – | 1 | 7 | – | 4 |
| STOCKHOLM - | 274,611 | „ | 11 | 137 | 98 | 18·0 | – | 1 | – | 4* | 2 | – | 7 |
| CHRISTIANIA - | 192,141 | „ | 18 | 108 | 72 | 18·4 | – | – | – | – | – | – | 6 |
| ST. PETERSBURG | 954,400 | „ | 11 | 643 | 569 | 31·1 | 3 | 13 | 19 | 18 | 5 | 23 | 36 |
| MOSCOW - - | 988,610 | „ | 11 | – | 650 | 34·3 | 1 | 7 | 4 | 9 | 1 | 2 | 196 |
| BERLIN - - | 1,753,775 | „ | 4 | 877 | 511 | 15·0 | – | 2 | 2 | 8 | 8 | 1 | 29 |
| HAMBURG - - | 661,015 | „ | 18 | – | 226 | 17·8 | – | 11 | – | 1* | 2 | – | 7 |
| DRESDEN - - | 377,500 | May | 5 | – | – | – | – | – | – | – | – | – | – |
| BRESLAU - - | 392,795 | June | 18 | – | – | – | – | – | – | – | – | – | – |
| MUNICH - - | 430,000 | „ | 18 | – | 192 | 23·2 | – | 1 | – | 4* | – | – | 39 |
| VIENNA - - | 1,574,129 | „ | 18 | 884 | 602 | 19·7 | – | 25 | 1 | 10* | 3 | 2 | 64 |
| PRAGUE - - | 377,109 | „ | 18 | 210 | 191 | 26·0 | – | 3 | 5 | 1 | – | – | 7 |
| BUDA-PESTH - | 648,104 | „ | 11 | 406 | 242 | 19·4 | – | 3 | 5 | – | 1 | 2 | 17 |
| TRIESTE - - | 164,491 | „ | 11 | 107 | 74 | 23·3 | – | 1 | – | – | – | – | 16 |
| ROME - - - | 489,965 | May | 28 | – | – | – | – | – | – | – | – | – | – |
| TURIN (10 days) | 344,203 | June | 10 | – | – | – | – | – | – | – | – | – | – |
| VENICE - - | 167,074 | „ | 11 | – | – | – | – | – | – | – | – | – | – |
| CAIRO - - | 570,062 | April | 1 | 411 | 296 | 27·0 | – | 7 | – | 2* | 1 | 7 | 57 |
| ALEXANDRIA - | 319,766 | „ | 1 | 215 | 169 | 27·5 | 9 | – | – | 1* | – | 4 | 31 |
| NEW YORK (including BROOKLYN) | 3,438,899 | June | 11 | 1227 | 1068 | 16·2 | – | 20 | 16 | 20 | 16 | 5 | 26 |
| PHILADELPHIA - | 1,240,266 | „ | 4 | – | 406 | 17·1 | – | 4 | 2 | 19 | 5 | 7 | 7 |

* Including deaths from croup.
† Including 84 deaths from bubonic fever.

| 1898. Month and Day. | Phases of the Moon. | Barometer. Mean daily reading (corrected and reduced to 32° Fahrenheit). | Temperature. Of the Air. High-est. | Low-est | Daily Range. | Mean daily value. | Departure from Average of 50 years. | Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Great-est. | Least. | Degree of Humidity (Saturation equals 100). | Temperature. Of Radiation. Highest in Sun's Rays. | Lowest on the Grass. | Of the Earth 3 feet below the Surface. | Wind as deduced from Anemometers. Osler's. General Direction. A.M. | P.M. | Pressure on the Square Foot. Great-est. | Least. | Mean of 24 hourly obs. | Robinson's. Horizontal Movement of the Air on each Day. | Departure from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUNE | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| SUNDAY - 19 | New Apogee. | 29·932 | 74·1 | 59·6 | 14·5 | 64·9 | + 5·4 | 55·4 | 9·5 | 17·7 | 2·1 | 71 | 116·9 | 55·4 | 56·27 | W. & NW. | NNW. & NW. | 3·0 | 0·0 | 0·2 | 248 | + 10 | 0·00 | 0·0 |
| MONDAY - 20 | .. | 29·866 | 74·6 | 53·0 | 21·6 | 63·4 | + 3·5 | 56·0 | 7·4 | 14·8 | 0·0 | 77 | 127·9 | 49·0 | 56·93 | WSW. & SW. | W. & WSW. | 2·9 | 0·0 | 0·3 | 303 | + 66 | 0·00 | 0·0 |
| TUESDAY - 21 | .. | 29·715 | 77·7 | 56·5 | 21·2 | 65·7 | + 5·4 | 57·0 | 8·7 | 18·0 | 2·5 | 73 | 135·0 | 53·1 | 57·46 | WSW. & SW. | SW. & WSW. | 3·6 | 0·0 | 0·3 | 320 | + 83 | 0·00 | 0·0 |
| WEDNESDAY 22 | .. | 29·631 | 72·0 | 52·4 | 19·6 | 60·3 | − 0·4 | 47·3 | 13·0 | 22·6 | 0·4 | 62 | 127·8 | 47·1 | 58·00 | WSW., W. & WNW. | WNW., W. & WSW. | 4·5 | 0·0 | 0·3 | 246 | + 8 | 0·00 | 0·0 |
| THURSDAY - 23 | .. | 29·770 | 69·1 | 48·0 | 21·1 | 57·5 | − 3·5 | 44·1 | 13·4 | 22·0 | 2·1 | 61 | 125·2 | 44·8 | 58·30 | WSW., W. & WNW. | W., WSW. & SW. | 3·5 | 0·0 | 0·4 | 340 | +101 | 0·00 | 0·0 |
| FRIDAY - 24 | .. | 29·501 | 60·9 | 52·3 | 8·6 | 55·9 | − 5·3 | 54·3 | 1·6 | 3·8 | 1·0 | 94 | 87·9 | 50·8 | 58·23 | SW. & SSW. | SSW. | 4·7 | 0·0 | 0·9 | 453 | +212 | 0·17 | 1·5 |
| SATURDAY - 25 | In Equator | 29·318 | 64·8 | 49·8 | 15·0 | 55·6 | − 5·7 | 49·7 | 5·9 | 13·5 | 0·8 | 81 | 129·9 | 46·5 | 58·08 | SSW. & SW. | SW., WSW. & SSW. | 11·5 | 0·0 | 0·5 | 332 | + 89 | 0·30 | 4·5 |
| MEANS - - | | 29·676 | 70·5 | 53·1 | 17·4 | 60·5 | − 0·1 | 52·0 | 8·5 | 16·1 | 1·3 | 74 | 121·5 | 49·5 | 57·61 | WSW. | | .. | .. | .. | Sum 2242 | Sum +569 | Sum 0·47 | 0·9 |
| No. of Column - | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| DATE. JUNE | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | GENERAL REMARKS. |
|---|---|---|---|---|
| SUNDAY - 19 | w. P. generally till 8h. P.M.; m. P. afterwards. | 3·2 | 16·6 | Generally overcast till afternoon; fine and partially cloudy afterwards. |
| MONDAY - 20 | w. P. throughout - | 3·5 | 16·6 | Fine in morning; generally cloudy till evening; cloudless at night. |
| TUESDAY - 21 | w. P. throughout - | 5·9 | 16·6 | Fine and partially cloudy. Cloudless at night. |
| WEDNESDAY 22 | w. P. till 8h. A.M.; v. P. till 8h. P.M.; m. P. afterwards. | 6·5 | 16·6 | Fine with large amounts of cloud till evening; cloudless afterwards. |
| THURSDAY - 23 | m. P. till noon; w. P. & w. N. afterwards. | 10·0 | 16·6 | Fine; partially cloudy. |
| FRIDAY - 24 | w. P. generally with occasional w. N. | 0·0 | 16·5 | Generally overcast; showery. |
| SATURDAY - 25 | w. P. till 8h. A.M.; v. P. and v. N. till 2h. P.M.; w. P. generally afterwards. | 10·2 | 16·5 | Variable with frequent heavy showers of rain and hail till afternoon; fine generally afterwards. Slight shower at 10h. 30m. P.M. |
| | | Sum 39·3 | Sum 116·0 | |
| No. of Col. - - | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased from 29·94 in. at the beginning of the week to 29·60 in. by 5h. P.M. on the 22nd; increased to 29·79 in. by 2h. P.M. on the 23rd; decreased to 29·29 in. by 3h. P.M. on the 25th; and increased to 29·35 in. by the end of the week.

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1898

OFFICIAL COPY.

# WEEKLY RETURN
OF
# BIRTHS AND DEATHS IN LONDON
AND IN
# THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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No. 26. 1898. VOL. LIX.] WEEK ENDING SATURDAY, JULY 2. [Price 1½*d.*

*General Register Office, Somerset House,*
*July 4th,* 1898.

## THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 14·9 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS. | Weeks ending June 11. | June 18. | June 25. | July 2. | TOWNS. | Weeks ending June 11. | June 18. | June 25. | July 2. |
|---|---|---|---|---|---|---|---|---|---|
| **33 Great Towns** | **16·9** | **14·7** | **15·1** | **14·9** | Leicester - - | 19·7 | 9·2 | 12·5 | 11·7 |
| Birkenhead - | 16·1 | 13·4 | 16·6 | 11·5 | Liverpool - - | 20·4 | 18·5 | 17·4 | 18·4 |
| Birmingham - | 17·2 | 15·0 | 16·2 | 15·0 | London - - - | 16·3 | 13·8 | 14·5 | 14·5 |
| Blackburn - | 14·9 | 17·6 | 13·3 | 16·0 | Manchester - - | 20·3 | 19·3 | 19·9 | 17·0 |
| Bolton - - | 16·6 | 13·6 | 14·5 | 13·2 | Newcastle-on-Tyne | 24·1 | 22·2 | 24·3 | 20·8 |
| Bradford - | 16·3 | 15·8 | 14·1 | 12·5 | Norwich - - | 10·3 | 14·0 | 10·3 | 10·3 |
| Brighton - | 11·1 | 12·4 | 11·1 | 11·1 | Nottingham - - | 14·6 | 13·2 | 12·1 | 14·6 |
| Bristol - | 16·9 | 10·7 | 13·7 | 12·2 | Oldham - - | 19·3 | 15·8 | 16·2 | 14·4 |
| Burnley - | 16.2 | 9·5 | 11 4 | 12·9 | Plymouth - - | 17·9 | 17·4 | 20·0 | 17·4 |
| Cardiff - - | 12·3 | 8·5 | 12·9 | 10·6 | Portsmouth - - | 16·8 | 11·2 | 12·9 | 14·0 |
| Croydon - | 8·4 | 9·6 | 10·9 | 10·9 | Preston - - | 17·5 | 19·7 | 13·0 | 9·0 |
| Derby - - | 18·4 | 13·4 | 12·9 | 15·4 | Salford - - - | 20·8 | 19·3 | 18·4 | 18·4 |
| Gateshead - | 19·6 | 20·6 | 16·6 | 18·6 | Sheffield - - | 18·4 | 15·2 | 15·7 | 17·0 |
| Halifax - | 19·4 | 17·2 | 14·6 | 12·9 | Sunderland - - | 23·6 | 18·1 | 21·4 | 22·8 |
| Huddersfield- | 14·3 | 14·8 | 11·7 | 11·2 | Swansea - - | 18·4 | 14·8 | 16·9 | 14·3 |
| Hull - - | 12·2 | 13·6 | 14·5 | 15·2 | West Ham - - | 12·6 | 9·6 | 9·6 | 12·6 |
| Leeds - - | 17·4 | 17·5 | 16·1 | 15·6 | Wolverhampton - | 13·6 | 17·2 | 13·6 | 19·0 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 3·2 in Plymouth; from *whooping-cough*, 1·0 in Salford and in Gateshead, 1·1 in West Ham, and 1·4 in Newcastle-on-Tyne; and from *diarrhœa*, 1·2 in Salford. In no case did the death-rate from *scarlet fever* or from "*fever*" reach 1·0 per 1000 in any of the thirty-three towns. The 55 deaths from *diphtheria* included 28 in London, 4 in Cardiff, 4 in Leeds, and 3 in Bristol. One death from *small-pox* was registered in Newcastle-on-Tyne, but not one in any other of the thirty-three towns.

## LONDON.

In LONDON† 2478 BIRTHS and 1256 DEATHS were registered. Allowing for increase of population, the births were 132, and the deaths 181, below the average numbers in the corresponding weeks of the last ten

* By "estimated" population is meant merely the number of persons who would be living if the mean ate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

years. The annual death-rate per 1000 from all causes, which had been 16·3, 13·8, and 14·5 in the preceding three weeks, was again 14·5 last week. During the four weeks ending on Saturday last the death-rate averaged 14·8 per 1000, being 2·1 per 1000 below the mean rate in the corresponding periods of the ten years 1888–97.

The 1256 deaths included 48 from measles, 12 from scarlet fever, 28 from diphtheria, 42 from whooping-cough, 10 from enteric fever, 22 from diarrhœa and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 162 deaths were referred to these diseases, being 79 below the corrected average weekly number.

The deaths from *measles*, which had been 74, 50, and 43 in the preceding three weeks, rose again last week to 48, and were 15 below the corrected average; 4 cases belonged to Islington, 4 to Bethnal Green, 4 to St. George-in-the-East, and 4 to Wandsworth sanitary areas. The deaths from *scarlet fever*, which had been 10, 10, and 8 in the preceding three weeks, rose again last week to 12, but were 6 below the corrected average. The deaths from *diphtheria*, which had been 23, 26, and 21 in the preceding three weeks, rose again last week to 28, but were 9 below the corrected average; 4 cases belonged to Poplar sanitary area. The deaths from *whooping-cough*, which had been 51, 44, and 39 in the preceding three weeks, rose again last week to 42, and were 3 above the corrected average; 6 cases belonged to Camberwell, 5 to Lambeth, and 4 to Kensington sanitary areas. The fatal cases of *enteric fever*, which had been 4, 4, and 4 in the preceding three weeks, rose last week to 10, the corrected average being 9; 2 cases belonged to Hackney sanitary area. The deaths from *diarrhœa*, which had been 22, 12, and 17 in the preceding three weeks, further rose last week to 22, but were 51 below the corrected average. The deaths referred to diseases of the respiratory organs, which had been 212, 185, and 171 in the preceding three weeks, further fell last week to 162, and were 27 below the corrected average. The deaths attributed directly to *influenza* numbered 3, having been 10, 12, and 9 in the preceding three weeks.

Different forms of violence caused 56 deaths, concerning all but 1 of which inquests were held. Of these 56 deaths, 7 were cases of suicide, while the remaining 49 were attributed to accident or negligence. Eight of these were referred to vehicles in the streets, 11 to drowning, and 7 (of infants under one year of age) to suffocation in bed.

## Cases of Infectious Sickness in Hospitals.*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2205 cases of scarlet fever, 976 of diphtheria, and 53 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 204 cases, against 206, 230, and 231; of diphtheria, 120 cases, against 130, 134, and 126; and of enteric fever, 8 cases, against 7, 12, and 12.

## Greater London.

In Greater London 3456 births and 1624 deaths were registered, corresponding to annual rates of 28·1 and 13·2 per 1000 of the estimated population. In the Outer Ring 6 deaths from measles, 1 from scarlet fever, 11 from diphtheria, 18 from whooping-cough, 2 from "fever," and 3 from diarrhœa were registered. Three deaths from diphtheria and 11 from whooping-cough occurred in West Ham district.

## Meteorology.

The mean reading of the Barometer last week at Greenwich was 29·80 inches, and that of the Thermometer 59·3, the latter being 2°·0 below the week's average in the 50 years 1841–90. The direction of the wind was westerly, the horizontal movement of the air being 2 per cent. above the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 45·6 hours; the measured rainfall amounted to 0·84 of an inch.

* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Registered during the Week ending 2nd July 1898. Births. | Registered during the Week ending 2nd July 1898. Deaths. | Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Annual rate per 1000, corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6–12. | Temperature of the Air. Highest. Fahrenheit. | Lowest. Fahrenheit. | Mean. Fahrenheit. | Mean. Centigrade. | Rainfall. In Inches. | In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18 | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| **33 Towns** | **11,218,378** | **6575** | **3203** | **801** | **716** | **1** | **77** | **27** | **55** | **94** | **29** | **59** | **144** | **274** | **768** | **38** | **14·9** | **1·6** | **75·3** | **41·3** | **56·4** | **13·56** | **0·74** | **1·88** | **33 Towns.** |
| London | 4,504,766 | 2478 | 1256 | 304 | 263 | - | 48 | 12 | 28 | 42 | 10 | 22 | 56 | 126 | 397 | 14 | 14·5 | 1·9 | 75·3 | 46·9 | 59·3 | 15·17 | 0·84 | 2·13 | London. |
| West Ham | 286,654 | 151 | 69 | 19 | 14 | - | - | - | 2 | 6 | - | - | 3 | 6 | 11 | 2 | 12·6 | 1·5 | - | - | - | - | - | - | West Ham. |
| Croydon | 124,421 | 64 | 26 | 5 | 10 | - | - | - | 1 | 1 | - | - | 4 | 5 | 12 | - | 10·9 | 0·8 | 72·5 | 45·5 | 57·8 | 14·33 | 0·91 | 2·31 | Croydon. |
| Brighton | 122,310 | 66 | 26 | 6 | 10 | - | - | - | - | - | - | 1 | - | 2 | 6 | - | 11·1 | 0·4 | 73·4 | 50·0 | 58·0 | 14·44 | 0·23 | 0·58 | Brighton. |
| Portsmouth | 186,618 | 93 | 50 | 16 | 10 | - | - | 1 | - | 2 | 1 | 2 | 6 | 6 | 9 | - | 14·0 | 1·7 | 72·0 | 48·5 | 58·0 | 14·44 | 0·39 | 0·99 | Portsmouth. |
| Plymouth | 99,136 | 59 | 33 | 7 | 9 | - | 6 | - | - | 1 | - | - | - | 2 | 3 | - | 17·4 | 3·7 | - | - | - | - | - | - | Plymouth. |
| Bristol | 316,900 | 170 | 74 | 19 | 19 | - | - | - | 3 | 3 | - | 1 | 3 | 9 | 15 | 2 | 12·2 | 1·2 | 68·0 | 45·0 | 55·4 | 13·00 | 0·63 | 1·60 | Bristol. |
| Cardiff | 177,770 | 103 | 36 | 8 | 4 | - | - | - | 4 | - | - | - | 2 | 2 | 6 | - | 10·6 | 1·2 | - | - | - | - | - | - | Cardiff. |
| Swansea | 102,001 | 51 | 28 | 7 | 5 | - | - | 1 | 1 | 1 | 1 | - | - | 1 | 2 | - | 14·3 | 2·0 | - | - | - | - | - | - | Swansea. |
| Wolverhampton | 88,051 | 61 | 32 | 5 | 9 | - | 1 | - | - | - | - | 1 | 1 | 1 | 8 | - | 19·0 | 1·2 | 69·7 | 41·3 | 55·2 | 12·89 | 0·86 | 2·18 | Wolverhampton. |
| Birmingham | 510,343 | 309 | 147 | 34 | 42 | - | 4 | - | 1 | 4 | 1 | 4 | 7 | 7 | 40 | 2 | 15·0 | 1·4 | - | - | - | - | - | - | Birmingham. |
| Norwich | 111,699 | 69 | 22 | 5 | 9 | - | 2 | 1 | 1 | - | 1 | - | - | - | 1 | - | 10·3 | 2·3 | 72·0 | 45·2 | 56·8 | 13·78 | 1·16 | 2·95 | Norwich. |
| Leicester | 208,662 | 123 | 47 | 12 | 13 | - | - | 1 | 1 | - | - | 3 | 1 | 2 | 9 | 2 | 11·7 | 1·2 | - | - | - | - | - | - | Leicester. |
| Nottingham | 236,137 | 149 | 66 | 17 | 22 | - | - | 1 | 1 | - | 1 | - | 4 | 5 | 13 | - | 14·6 | 0·7 | 72·0 | 43·0 | 55·8 | 13·22 | 1·10 | 2·79 | Nottingham. |
| Derby | 104,834 | 45 | 31 | 7 | 13 | - | - | - | - | - | - | - | 1 | 2 | 5 | - | 15·4 | - | - | - | - | - | - | - | Derby. |
| Birkenhead | 113,189 | 60 | 25 | 11 | 4 | - | - | 1 | - | - | - | - | - | 1 | 4 | - | 11·5 | 0·5 | - | - | - | - | - | - | Birkenhead. |
| Liverpool | 633,645 | 462 | 224 | 51 | 50 | - | 3 | 1 | 2 | 2 | 5 | 4 | 9 | 14 | 59 | 4 | 18·4 | 1·4 | 65·8 | 50·4 | 55·8 | 13·22 | 0·54 | 1·37 | Liverpool. |
| Bolton | 122,495 | 61 | 31 | 3 | 8 | - | - | - | - | - | - | 2 | 1 | 2 | 9 | - | 13·2 | 0·9 | - | - | - | - | - | - | Bolton. |
| Manchester | 539,079 | 403 | 176 | 60 | 31 | - | 1 | - | 1 | 6 | 1 | 5 | 9 | 16 | 41 | 2 | 17·0 | 1·4 | - | - | - | - | - | - | Manchester. |
| Salford | 215,702 | 147 | 76 | 31 | 14 | - | 2 | 1 | - | 4 | 1 | 5 | 1 | 2 | 11 | 2 | 18·4 | 3·1 | - | - | - | - | - | - | Salford. |
| Oldham | 148,288 | 91 | 41 | 11 | 9 | - | - | 1 | - | 1 | - | 1 | 1 | 3 | 4 | - | 14·4 | 1·1 | - | - | - | - | - | - | Oldham. |
| Burnley | 109,546 | 53 | 27 | 7 | 5 | - | 1 | - | 1 | - | - | 1 | - | 3 | 1 | 1 | 12·9 | 1·4 | - | - | - | - | - | - | Burnley. |
| Blackburn | 133,228 | 72 | 41 | 11 | 7 | - | - | - | 1 | - | - | - | 3 | 4 | 3 | 1 | 16·0 | 0·4 | - | - | - | - | - | - | Blackburn. |
| Preston | 116,356 | 78 | 20 | 2 | 5 | - | - | - | - | 2 | - | - | 2 | 2 | 2 | - | 9·0 | 0·9 | - | - | - | - | - | - | Preston. |
| Huddersfield | 102,454 | 39 | 22 | 3 | 5 | - | - | - | - | - | - | - | 1 | 1 | 2 | 2 | 11·2 | - | 69·2 | 42·3 | 54·0 | 12·22 | 0·93 | 2·36 | Huddersfield. |
| Halifax | 96,729 | 34 | 24 | 3 | 7 | - | 1 | - | - | - | 1 | - | 2 | 4 | 3 | 1 | 12·9 | 1·1 | - | - | - | - | - | - | Halifax. |
| Bradford | 233,737 | 96 | 56 | 11 | 14 | - | 1 | - | - | 1 | - | - | 2 | 4 | 9 | - | 12·5 | 0·4 | 66·0 | 47·2 | 55·0 | 12·78 | 0·73 | 1·85 | Bradford. |
| Leeds | 416,618 | 263 | 125 | 29 | 27 | - | 2 | 4 | 4 | 1 | 2 | 2 | 8 | 16 | 28 | - | 15·6 | 1·9 | - | - | - | - | - | - | Leeds. |
| Sheffield | 356,478 | 227 | 116 | 31 | 26 | - | 1 | 1 | 1 | 6 | 1 | 3 | 5 | 8 | 23 | 1 | 17·0 | 1·9 | - | - | - | - | - | - | Sheffield. |
| Hull | 229,887 | 149 | 67 | 13 | 17 | - | 2 | 1 | - | 1 | 1 | - | 5 | 7 | 8 | 1 | 15·2 | 1·1 | 75·0 | 43·0 | 55·1 | 12·83 | 0·51 | 1·30 | Hull. |
| Sunderland | 143,849 | 107 | 63 | 17 | 11 | - | - | - | - | 2 | 1 | - | 2 | 3 | 8 | - | 22·8 | 1·1 | - | - | - | - | - | - | Sunderland. |
| Gateshead | 103,775 | 92 | 37 | 11 | 6 | - | 1 | - | - | 2 | - | - | 1 | 2 | 3 | - | 18·6 | 1·5 | - | - | - | - | - | - | Gateshead. |
| Newcastle | 223,021 | 150 | 89 | 25 | 18 | 1 | 1 | - | 2 | 6 | 1 | 2 | 4 | 6 | 13 | 1 | 20·8 | 3·0 | - | - | - | - | - | - | Newcastle. |

* See note * on first page of this return.

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the TWENTY-SIXTH Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2289 | 2467 | 2359 | 2458 | 2489 | 2469 | 2458 | 2488 | 2501 | 2821 | 2609·6 | 2478 |
| Males - - | 1128 | 1265 | 1196 | 1240 | 1272 | 1260 | 1226 | 1291 | 1283 | 1442 | 1326·2 | 1200 |
| Females - | 1161 | 1202 | 1163 | 1218 | 1217 | 1209 | 1232 | 1197 | 1218 | 1379 | 1283·4 | 1278 |
| TOTAL **Deaths** - | 1238 | 1265 | 1346 | 1363 | 1377 | 1831 | 1282 | 1429 | 1370 | 1156 | 1437·1 | 1256 |
| Males - - | 636 | 699 | 666 | 749 | 708 | 978 | 609 | 732 | 698 | 624 | 747·0 | 661 |
| Females - - | 602 | 566 | 680 | 614 | 669 | 853 | 673 | 697 | 672 | 532 | 690·1 | 595 |

* The numbers in this column are the average weekly numbers in the twenty-sixth week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | Apr. 9. | Apr. 16. | Apr. 23. | Apr. 30. | May 7. | May 14. | May 21. | May 28. | June 4. | June 11. | June 18. | June 25. | July 2. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** - - - | 2415 | 2623 | 2769 | 2522 | 2449 | 2425 | 2285 | 2569 | 2199 | 2646 | 2532 | 2385 | 2478 |
| TOTAL **Deaths** - - - | 1691 | 1648 | 1546 | 1485 | 1464 | 1356 | 1360 | 1385 | 1392 | 1411 | 1193 | 1257 | 1256 |
| Ages at Death: Under 1 year - - | 368 | 377 | 336 | 346 | 297 | 288 | 322 | 339 | 259 | 294 | 276 | 306 | 304 |
| 1—5 years - - | 295 | 285 | 283 | 265 | 272 | 206 | 215 | 202 | 225 | 200 | 155 | 167 | 174 |
| 5—20 " - - | 86 | 76 | 88 | 80 | 60 | 71 | 86 | 83 | 94 | 83 | 68 | 74 | 86 |
| 20—40 " - - | 195 | 186 | 194 | 181 | 198 | 200 | 176 | 167 | 173 | 192 | 170 | 187 | 181 |
| 40—60 " - - | 309 | 290 | 300 | 283 | 276 | 268 | 271 | 246 | 281 | 288 | 259 | 244 | 248 |
| 60—80 " - - | 364 | 362 | 272 | 274 | 303 | 259 | 247 | 293 | 294 | 302 | 225 | 228 | 227 |
| 80 years and upwards | 74 | 72 | 73 | 56 | 52 | 64 | 43 | 55 | 66 | 52 | 40 | 51 | 36 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox - - - - | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Measles - - - - - | 108 | 117 | 131 | 107 | 99 | 76 | 82 | 74 | 68 | 74 | 50 | 43 | 48 |
| Scarlet Fever - - - | 19 | 12 | 10 | 13 | 10 | 11 | 16 | 6 | 17 | 10 | 10 | 8 | 12 |
| Diphtheria - - - - | 29 | 34 | 31 | 39 | 27 | 20 | 31 | 27 | 30 | 23 | 26 | 21 | 28 |
| Whooping-cough - - - | 64 | 59 | 53 | 70 | 52 | 48 | 47 | 59 | 45 | 51 | 44 | 39 | 42 |
| Typhus - - - - - | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Enteric Fever - - - | 9 | 7 | 5 | 7 | 5 | 7 | 1 | 6 | 3 | 4 | 4 | 4 | 10 |
| Simple Continued Fever - | – | – | 1 | – | – | – | – | – | – | – | – | – | – |
| Diarrhœa and Dysentery .. | 15 | 12 | 10 | 10 | 13 | 8 | 16 | 10 | 17 | 22 | 12 | 17 | 22 |
| Cholera - - - - - | – | – | – | – | – | – | – | – | – | – | – | – | – |
| All the above Diseases - | 244 | 241 | 241 | 246 | 206 | 170 | 193 | 182 | 180 | 184 | 146 | 132 | 162 |
| Dis. of Respiratory System - | 372 | 305 | 283 | 274 | 226 | 232 | 177 | 216 | 226 | 212 | 185 | 171 | 162 |
| Phthisis - - - - - | 146 | 138 | 154 | 153 | 158 | 168 | 159 | 134 | 126 | 156 | 134 | 140 | 150 |
| Dis. of Circulatory System - | 140 | 141 | 129 | 131 | 116 | 114 | 141 | 120 | 141 | 124 | 87 | 92 | 111 |
| Violence - - - - | 78 | 76 | 54 | 61 | 61 | 58 | 65 | 63 | 77 | 88 | 53 | 71 | 56 |
| Inquest Cases - - - - | 137 | 158 | 123 | 142 | 130 | 122 | 108 | 154 | 150 | 166 | 106 | 112 | 126 |
| Deaths in Public Institutions - | 529 | 461 | 472 | 447 | 440 | 431 | 449 | 438 | 451 | 430 | 395 | 418 | 397 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean - - - - - | 49°·3 | 49°·3 | 46°·4 | 48°·3 | 51°·9 | 50°·7 | 49°·0 | 54°·7 | 51°·9 | 60°·2 | 55°·2 | 60°·5 | 59°·3 |
| Mean of Highest readings - | 59·3 | 57·4 | 56·8 | 57·5 | 59·9 | 59·0 | 56·7 | 64·8 | 61·2 | 70·6 | 63·5 | 70·5 | 69·3 |
| Mean of Lowest readings - | 40·6 | 42·2 | 37·6 | 40·4 | 44·8 | 44·7 | 42·8 | 46·7 | 44·6 | 50·8 | 48·3 | 53·1 | 51·6 |
| Humidity of the Air - - | 67 | 72 | 73 | 81 | 75 | 76 | 82 | 76 | 76 | 78 | 76 | 74 | 75 |
| Rain-fall (in inches) - - | 0·13 | 0·31 | 0·00 | 0·49 | 0·58 | 0·54 | 0·78 | 0·40 | 0·61 | 0·32 | 0·01 | 0·47 | 0·84 |
| Registered Sunshine (in hours) | 47·8 | 25·8 | 46·4 | 23·9 | 36·6 | 30·8 | 32·2 | 37·0 | 26·4 | 41·1 | 32·3 | 39·3 | 45·6 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox - - - - - | – | – | – | – | – | – | – | – | 1 | 1 | 1 | – | – |
| Scarlet Fever - - - - | 2421 | 2384 | 2334 | 2302 | 2271 | 2247 | 2241 | 2195 | 2207 | 2169 | 2194 | 2238 | 2205 |
| Diphtheria - - - - | 1004 | 962 | 953 | 930 | 942 | 948 | 953 | 923 | 973 | 1001 | 1018 | 999 | 976 |
| Enteric Fever - - - - | 62 | 61 | 67 | 59 | 54 | 57 | 55 | 54 | 55 | 44 | 47 | 52 | 53 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and J. Boobbyer Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S. Preston; A. Johnson, Esq., M.Inst.C.E., Bradford; and Mr. E. Peak, Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-SIXTH Week of the Year 1898.

| CAUSES OF DEATH. | Corrected Averages for the 26th Week of the 10 years 1888-97*. | In the Week ending Saturday, 2nd July 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| CAUSES - - - | 1437·1 | 1256 | 304 | 174 | 86 | 181 | 248 | 227 | 36 |
| ...all- Vaccinated† - | 0·1 | - | - | - | - | - | - | - | - |
| ...x Unvaccinated | 0·6 | - | - | - | - | - | - | - | - |
| ... No Statement | 0·2 | - | - | - | - | - | - | - | - |
| ...les - - - - | 62·5 | 48 | 13 | 33 | 2 | - | - | - | - |
| ...et Fever - - - | 17·9 | 12 | - | 8 | 3 | 1 | - | - | - |
| ...us - - - - | 0·2 | - | - | - | - | - | - | - | - |
| ...osing Fever - - | - | - | - | - | - | - | - | - | - |
| ...enza - - - - | 9·8 | 3 | - | - | 1 | - | 2 | - | - |
| ...pping-cough - - | 38·7 | 42 | 18 | 24 | - | - | - | - | - |
| ...theria - - | 36·6 | 28 | 3 | 13 | 12 | - | - | - | - |
| ...le Continued and defined Fever - | 1·1 | - | - | - | - | - | - | - | - |
| ...ric Fever - - - | 8·6 | 10 | - | - | 3 | 6 | 1 | - | - |
| ...ra and Chol. Diarr. | 2·3 | - | - | - | - | - | - | - | - |
| ...hœa, Dysentery - | 72·6 | 22 | 20 | 1 | - | - | - | 1 | - |
| ...ttent Fever - - | 0·1 | - | - | - | - | - | - | - | - |
| ...ophobia - - - | - | - | - | - | - | - | - | - | - |
| ...ers - - - - | - | - | - | - | - | - | - | - | - |
| ...ox and Effects of ...cination - - | 0·1 | 1 | 1 | - | - | - | - | - | - |
| ...eal Affections - - | 8·2 | 6 | 4 | 1 | - | - | 1 | - | - |
| ...pelas - - - | 2·8 | 1 | 1 | - | - | - | - | - | - |
| ...nia and Septicæmia | 2·7 | - | - | - | - | - | - | - | - |
| ...eral Fever - - | 3·6 | 4 | - | - | - | 4 | - | - | - |
| Zymotic Diseases | 1·4 | - | - | - | - | - | - | - | - |
| ...h - - - - | 1·8 | 2 | 2 | - | - | - | - | - | - |
| ...s and other Parasitical Diseases - | 0·2 | - | - | - | - | - | - | - | - |
| ...ition, Want of ...ast-milk - - | 1·4 | 1 | - | - | - | - | 1 | - | - |
| ...olism - - - | 10·0 | 14 | - | - | - | 3 | 8 | 3 | - |
| ...matic Fever, ...umatism of Heart | 6·1 | 8 | - | - | 3 | 4 | 1 | - | - |
| ...matism - - - | 1·4 | 1 | - | - | - | - | 1 | - | - |
| ... - - - - | 3·2 | 1 | - | - | - | - | - | 1 | - |
| ...ts - - - - | 4·8 | 8 | 2 | 6 | - | - | - | - | - |
| ...r - - - - | 64·5 | 81 | - | - | - | 8 | 35 | 37 | 1 |
| ... Mesenterica - - | 26·0 | 16 | 7 | 4 | 3 | 1 | 1 | - | - |
| ...cular Meningitis - | 23·3 | 25 | 11 | 12 | 1 | 1 | - | - | - |
| ...sis - - - - | 141·7 | 150 | 2 | 3 | 13 | 69 | 53 | 10 | - |
| ...la, Tuberculosis - | 21·3 | 17 | 6 | 1 | 5 | 3 | 1 | 1 | - |
| ... Constitutional ...ases - - | 12·4 | 12 | 2 | - | - | 4 | 1 | 5 | - |
| ...ture Birth - - | 42·2 | 54 | 54 | - | - | - | - | - | - |
| ...tasis - - - | 3·5 | 11 | 11 | - | - | - | - | - | - |
| ...nital Malformations - - - - | 7·4 | 6 | 6 | - | - | - | - | - | - |
| ...ge - - - - | 42·9 | 32 | - | - | - | - | - | 16 | 16 |
| ...exy - - - | 37·8 | 36 | - | - | - | 1 | 17 | 15 | 3 |
| ...osy - - - - | 7·5 | 5 | - | - | - | 1 | 3 | 1 | - |
| ...lsions - - - | 40·6 | 25 | 20 | 3 | 1 | - | 1 | - | - |
| ... Diseases of Brain ... Nervous System | 84·6 | 72 | 4 | 9 | 7 | 7 | 18 | 22 | 5 |
| ...es of Organs of ...ial Sense - | 4·1 | 5 | - | - | 1 | 3 | 1 | - | - |

| CAUSES OF DEATH | Corrected Averages for the 26th Week of the 10 years 1888-97*. | In the Week ending Saturday, 2nd July 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 109·1 | 111 | 2 | 1 | 10 | 16 | 34 | 45 | 3 |
| Croup - - - - | 2·7 | - | - | - | - | - | - | - | - |
| Bronchitis - - - | 82·3 | 70 | 25 | 13 | 2 | - | 2 | 26 | 2 |
| Pneumonia - - - | 78·4 | 75 | 20 | 23 | 5 | 9 | 7 | 10 | 1 |
| Pleurisy - - - - | 6·0 | 5 | - | - | - | 2 | 1 | 2 | - |
| Other Diseases of Respiratory System - | 19·5 | 12 | 2 | 3 | 1 | 1 | 2 | 3 | - |
| Dentition - - - - | 9·9 | 8 | 3 | 5 | - | - | - | - | - |
| Quinsy, Sore Throat - | 1·7 | - | - | - | - | - | - | - | - |
| Enteritis - - - - | 23·3 | 14 | 8 | 1 | 1 | 2 | 2 | - | - |
| Peritonitis - - - | 6·0 | 2 | - | - | 1 | - | - | 1 | - |
| Diseases of Liver - - | 24·7 | 15 | 1 | - | - | 3 | 9 | 2 | - |
| Other Diseases of Digestive System | 30·1 | 26 | 9 | 2 | - | 2 | 9 | 3 | 1 |
| Diseases of Lymphatic System & of Ductless Glands - - - | 2·6 | 3 | - | - | 2 | 1 | - | - | - |
| Diseases of Urinary System - - - | 40·4 | 52 | 1 | - | 2 | 10 | 21 | 16 | 2 |
| Diseases of Generative System - - - | 4·5 | 3 | - | - | - | - | 2 | 1 | - |
| Accidents of Childbirth - | 5·1 | 1 | - | - | - | 1 | - | - | - |
| Diseases of Locomotive System - - - | 6·3 | 5 | - | - | 3 | - | 1 | 1 | - |
| Diseases of Integumentary System - - | 4·9 | 5 | 2 | - | - | - | 1 | - | 2 |
| VIOLENT DEATHS.‡ (ACCIDENT.) | | | | | | | | | |
| By Railways - - - | 54·6 | 3 | - | - | - | - | 2 | 1 | - |
| By Vehicles or Horses - | | 8 | 1 | 1 | - | 3 | 1 | 2 | - |
| In Ships, Boats, Docks, (exclusive of Drowning) - - - | | - | - | - | - | - | - | - | - |
| In Building Operations - | | - | - | - | - | - | - | - | - |
| In Conflagrations - - | | - | - | - | - | - | - | - | - |
| By Burns, Scalds, Explosions - - | | 6 | - | 5 | - | 1 | - | - | - |
| By Drowning - - - | | 11 | - | - | 4 | 4 | 3 | - | - |
| By Suffocation in Bed - | | 7 | 7 | - | - | - | - | - | - |
| By Poisons or Poisonous Vapours - - | | 1 | - | - | - | 1 | - | - | - |
| Other or not stated causes - - - - | | 13 | 5 | 1 | - | 4 | 1 | 2 | - |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - | 2·0 | - | - | - | - | - | - | - | - |
| Suicide - - - - | 9·4 | 7 | - | - | - | 4 | 3 | - | - |
| Execution - - - | - | - | - | - | - | - | - | - | - |
| OTHER CAUSES - - | 54·8 | 34 | 31 | 1 | - | 1 | 1 | - | - |

...e numbers in this column are the average weekly deaths for the ten years 1888-97, raised by 5·230 per cent. for increase ...pulation.

...ly those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered ...al men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the ... of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

...e evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of ...nt, murder manslaughter or suicide All such cases are classed under "accident.'

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 2nd July, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Deaths of Persons not Specified as to Causes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2478 | 1256 | 304 | 263 | - | 48 | 12 | 28 | 42 | - | 10 | - | 22 | 56 | 126 | 397 | 1 |
| WEST DISTRICTS - - - | 778,251 | 392 | 206 | 42 | 49 | - | 2 | 3 | 3 | 9 | - | 1 | - | 1 | 11 | 23 | 63 | |
| NORTH DISTRICTS - - - | 1,040,694 | 543 | 260 | 57 | 64 | - | 9 | 3 | 7 | 3 | - | 2 | - | 1 | 10 | 17 | 71 | |
| CENTRAL DISTRICTS - - - | 233,635 | 139 | 67 | 18 | 8 | - | 1 | - | 1 | 2 | - | 1 | - | 2 | 3 | 8 | 35 | |
| EAST DISTRICTS - - - | 716,334 | 458 | 246 | 71 | 44 | - | 15 | - | 5 | 4 | - | 1 | - | 6 | 14 | 39 | 92 | |
| SOUTH DISTRICTS - - - | 1,642,796 | 946 | 450 | 116 | 83 | - | 21 | 4 | 12 | 24 | - | 5 | - | 12 | 18 | 39 | 109 | 1 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | — | - | 27 | - | 15 | - | - | 2 | - | - | - | - | - | - | - | - | 27 | |
| **WEST DISTRICTS.** | | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 48 | 25 | 5 | 5 | - | 1 | - | 1 | 2 | - | - | - | - | 3 | 3 | 5 | |
| St. John Paddington *H* - - G. | 33,510 | 3 | 7 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | 4 | |
| Kensington Town *Ww* - - W. | 122,164 | 56 | 39 | 12 | 12 | - | - | - | - | 4 | - | - | - | - | 1 | 4 | 13 | |
| Brompton *HH*- - - W. & C. | 48,301 | 12 | 10 | - | 5 | - | - | - | - | - | - | - | - | - | - | - | 2 | |
| St. Peter Hammersmith - - W. | 9,097 | 6 | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | |
| St. Paul Hammersmith *HH* W. & G. | 35,102 | 54 | 17 | 5 | 2 | - | - | - | - | - | - | - | - | 1 | 2 | 4 | 5 | |
| Fulham *Ww* - - - W. & C. | 113,781 | 93 | 29 | 8 | 4 | - | - | 2 | 2 | 1 | - | 1 | - | - | - | - | 11 | |
| Chelsea Kensal Town - C. | 21,450 | 10 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Chelsea North *WHHHHH* - C. | 42,057 | 20 | 20 | 3 | 1 | - | - | - | - | - | - | - | - | - | 1 | 3 | 7 | |
| Chelsea South *HH* - - C. | 33,139 | 15 | 8 | 1 | 2 | - | - | - | - | 1 | - | - | - | - | 1 | 2 | 2 | |
| May Fair *W* - - - - G. | 23,827 | 7 | 8 | 1 | 4 | - | - | - | - | - | - | - | - | - | - | 1 | 4 | |
| Belgrave *WHHH* - - - C. | 56,140 | 29 | 14 | 3 | 4 | - | - | - | - | - | - | - | - | - | 1 | 1 | 4 | |
| St. John Westminster *HH* - C. | 31,492 | 28 | 10 | 3 | 3 | - | - | - | - | 1 | - | - | - | - | - | 2 | 1 | |
| St. Margaret Westminster *H*- C. | 22,097 | 5 | 5 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | 2 | |
| St. James Westminster *WHH* N. & G. | 23,050 | 3 | 6 | - | 2 | - | 1 | - | - | - | - | - | - | - | 2 | 2 | 2 | |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 3 | 5 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | 1 | |
| **NORTH DISTRICTS.** | | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - W. | 36,595 | 19 | 13 | 3 | 2 | - | - | - | - | - | - | - | - | - | 2 | 2 | 6 | |
| Rectory Marylebone *W* G. & W. | 19,798 | 13 | 4 | 1 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | - | |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 23 | 6 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | |
| Christchurch Marylebone *H* - W | 32,547 | 15 | 11 | 4 | 1 | - | - | - | - | 2 | - | - | - | - | - | 1 | - | |
| St. John Marylebone *HHH* W. | 32,611 | 20 | 10 | 2 | 1 | - | - | - | 1 | - | - | - | - | - | - | - | - | |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 23 | 19 | 1 | 5 | - | - | 3 | 4 | - | - | - | - | - | 1 | 1 | 7 | |
| Regent's Park Pancras *HH* - W. | 37,341 | 10 | 4 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | 1 | 1 | |
| Tottenham-court *wHHHH* - N. & W. | 26,757 | 10 | 16 | 3 | 3 | - | - | - | - | - | - | - | - | - | - | - | 11 | |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 12 | 5 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | |
| Somers Town *HH* - - - N. | 32,161 | 19 | 6 | 1 | 1 | - | - | - | - | - | - | - | - | 1 | 1 | 1 | 1 | |
| Camden Town *WH* - - N. | 16,669 | 5 | 10 | 2 | 6 | - | - | - | - | - | - | - | - | - | - | 1 | 8 | |
| Kentish Town *WW* - - N. | 98,410 | 61 | 22 | 7 | 3 | - | 1 | - | - | 1 | - | - | - | - | 2 | 2 | 4 | |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 58 | 31 | 2 | 9 | - | - | - | - | - | - | - | - | - | 1 | 1 | 19 | |
| Islington South-west H - N. | 107,365 | 52 | 16 | 8 | 2 | - | 3 | - | - | - | - | - | - | - | - | - | - | |
| Islington South-east - - N. | 66,549 | 30 | 14 | 4 | 6 | - | 1 | - | - | - | - | - | - | - | 1 | 2 | - | |
| Highbury *HH* - - - N. | 64,577 | 29 | 8 | 4 | 2 | - | 1 | - | - | - | - | - | - | - | - | 1 | - | |
| Stoke Newington *H* - N. | 33,485 | 29 | 8 | 3 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | |
| North Hackney - - E. & N. | 213,044 | 10 | 6 | - | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - | |
| Central Hackney *ww* - E. & N. | | 35 | 15 | 1 | 3 | - | 2 | - | 2 | - | - | - | - | - | - | 1 | 4 | |
| South-west Hackney *HHH* E. & N. | | 27 | 12 | 3 | 4 | - | 1 | - | - | - | - | - | - | - | 1 | 2 | 2 | |
| South-east Hackney *WwH* E. & N. | | 43 | 24 | 4 | 6 | - | - | - | - | - | - | 2 | - | - | - | - | 8 | |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers are received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. The Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River E East London; and K. the Kent Company.

* See note † on first page of this Return.

LE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday, 2nd July, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population. 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CENTRAL DISTRICTS. | | | | | | | | | | | | | | | | | | |
| George Bloomsbury - - N. | 16,110 | 3 | 2 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| Giles South *WH* - - - N. | 12,976 | 13 | 6 | 2 | 1 | - | - | - | - | 1 | - | - | - | - | - | - | 1 | - |
| Giles North *H* - - - N. | 9,151 | 6 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Martin-in-the-Fields *HH* N. & C. | 13,077 | 5 | 2 | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - | 2 | - |
| nd *WHH* - - - - N. | 11,839 | 5 | 9 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | 9 | - |
| *nd Union Workhouse, Edmonton* | †*1,037* | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| oorn *wHHHHHHH* - N. | 31,042 | 25 | 6 | 3 | - | - | - | - | 1 | - | - | - | - | - | - | - | 3 | - |
| ames Clerkenwell - - N. | 15,777 | 5 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| well Clerkenwell - - N. | 34,356 | 18 | 4 | 2 | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| well-street - - - - N. | 16,069 | 10 | 3 | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - |
| -road *HHHL* - - - N. | 29,897 | 37 | 9 | 4 | - | - | - | - | - | - | - | - | - | 1 | - | 1 | 3 | - |
| tecross-street - - - N. | 7,595 | 4 | 1 | 1 | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - |
| bury - - - - - N. | 4,035 | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| *orn Union Workhouse, tcham* - - - - | †*892* | - | 3 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 3 | - |
| Sotolph *H* - - N. & E. | 6,870 | 1 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| plegate - - - - N. | 3,299 | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - |
| epulchre *WH* - - - N. | 9,591 | 4 | 14 | 1 | 1 | - | - | - | - | - | - | - | - | - | 2 | 2 | 12 | - |
| allows Barking - - - N. | 9,059 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| d Street *H* - - - N. | 2,892 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| *of London Asylum, Stone* - - | †*388* | - | 1 | - | - | - | - | - | - | - | - | 1 | - | - | - | - | 1 | - |
| EAST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| editch South *Hl* - E. & N. | 17,975 | 10 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| on New Town *w* - - N. | 29,575 | 11 | 15 | 3 | 6 | - | - | - | - | 1 | - | - | - | - | - | 3 | 4 | - |
| on Old Town - - - N. | 27,645 | 22 | 4 | - | 1 | - | 2 | - | - | - | - | - | - | - | - | - | - | - |
| gerston *WH* - - N. & E. | 47,163 | 34 | 20 | 8 | 4 | - | - | - | - | - | - | - | - | - | - | 3 | 12 | - |
| nal Green North *H* - E. | 49,301 | 27 | 8 | 1 | 1 | - | 1 | - | - | - | - | - | - | - | 1 | 1 | - | - |
| nal Green South - - E. | 34,194 | 24 | 9 | 4 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| nal Green East *WHl* - E. | 45,667 | 31 | 19 | 4 | 8 | - | 3 | - | - | - | - | - | - | - | - | 1 | 11 | - |
| lfields - - - E. & N. | 26,681 | 16 | 6 | 3 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| End New Town *W* - E. | 12,816 | 11 | 4 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 3 | - |
| echapel Church *H* - E. & N. | 25,561 | 18 | 22 | 3 | - | - | - | - | - | 1 | - | - | - | - | 2 | 2 | 21 | - |
| man's Fields - - - E. | 13,618 | 7 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| eorge's North - - - E. | 39,576 | 37 | 8 | 2 | - | - | 2 | - | - | - | - | - | - | - | - | 1 | - | - |
| ohn, St. George East *W* E. | 7,930 | 7 | 11 | 4 | 2 | - | 2 | - | - | - | - | - | - | 1 | 1 | 2 | 7 | - |
| well *H* - - - E. & N. | 10,434 | 3 | 17 | 9 | 2 | - | 1 | - | 3 | - | - | - | - | 3 | 1 | 2 | 14 | - |
| iff *W* - - - - E. | 14,954 | 6 | 4 | 2 | - | - | 1 | - | - | 1 | - | - | - | - | 1 | 1 | - | - |
| house - - - - - E. | 32,917 | 21 | 6 | 1 | 1 | - | 1 | - | - | - | - | - | - | - | 1 | 1 | - | - |
| End Old Town West *H* E. | 111,060 | 48 | 9 | 5 | 1 | - | - | - | - | - | - | - | - | - | 1 | 2 | 1 | - |
| End Old Town East *Vww* - E. | | 26 | 17 | 3 | 7 | - | 1 | - | - | 1 | - | - | - | - | - | 2 | 4 | - |
| *l* - - - E. | 41,687 | 20 | 15 | 7 | - | - | - | - | - | - | - | - | - | - | 2 | 4 | - | - |
| ley *wwwH* - - - E. | 69,821 | 35 | 29 | 5 | 7 | - | - | - | 1 | - | - | 1 | - | - | 1 | 8 | 14 | - |
| r *WW* - - - - E. | 57,759 | 44 | 20 | 7 | 2 | - | - | - | 1 | - | - | - | - | 2 | 3 | 4 | 1 | - |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX MEASLES SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 2nd July, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WH*L.&S. | 13,064 | 8 | 6 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| St. Saviour Southwark - - S. | 12,301 | 8 | 6 | 1 | 1 | – | – | – | – | 1 | – | – | – | – | – | – | – | – |
| Kent-road - - - - S. & L. | 22,879 | 13 | 8 | 2 | 2 | – | 1 | – | – | – | – | – | – | – | 1 | 4 | – | – |
| Borough-road *WH* - S. & L. | 16,083 | 11 | 6 | 3 | 1 | – | – | – | – | 2 | – | – | – | 1 | – | – | 2 | – |
| London-road *HL* - - L. & S. | 21,316 | 17 | 8 | 3 | 1 | – | 1 | – | – | 1 | – | – | – | – | – | 2 | – | – |
| Trinity Newington - - S. & L. | 28,723 | 19 | 9 | 6 | 2 | – | – | – | – | – | – | – | – | 1 | 1 | 1 | – | – |
| St. Peter Walworth *W* - S. & L. | 62,045 | 41 | 10 | 4 | 2 | – | – | – | – | – | – | 1 | – | – | – | 1 | – | 1 |
| St. Mary Newington- - L. & S. | 30,171 | 14 | 7 | 2 | – | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| St. Olave *WH* - - - - S. | 11,731 | 4 | 18 | 4 | 2 | – | – | – | – | – | – | – | – | – | 2 | 3 | 14 | 1 |
| Leather Market *W* - S. & L. | 32,339 | 23 | 10 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | 2 | 1 |
| St. James Bermondsey - - S. | 53,136 | 43 | 16 | 7 | 3 | – | – | – | – | – | – | – | – | 1 | 2 | 3 | – | 2 |
| Rotherhithe *WwH* - S. & K. | 40,379 | 22 | 14 | 2 | 4 | – | 2 | – | – | – | – | – | – | – | – | – | 3 | 1 |
| Waterloo-road *HH* - L. & S. | 28,396 | 29 | 11 | 6 | 2 | – | – | – | – | 1 | – | 1 | – | 1 | – | 1 | – | – |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 13 | 8 | 2 | – | – | – | – | 1 | – | – | – | – | – | 1 | 2 | 5 | – |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 34 | 33 | 7 | 12 | – | 2 | – | – | 1 | – | – | – | 2 | – | – | 17 | – |
| Kennington 1st *H* - - S. & L. | 52,486 | 35 | 7 | – | 5 | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| Kennington 2nd - - S. & L. | 43,244 | 20 | 4 | 3 | – | – | – | – | – | 1 | – | – | – | 1 | – | – | – | – |
| Brixton *w* - - - L. & S. | 81,825 | 46 | 20 | 6 | 4 | – | 1 | – | 1 | 1 | – | 1 | – | – | – | 1 | 3 | 1 |
| Norwood *WH* - - - - L. | 29,318 | 10 | 5 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| East Battersea - - - - S. | 71,730 | 56 | 14 | 5 | – | – | – | – | – | – | – | – | – | – | 1 | 2 | – | – |
| West Battersea *WwH* - - S. | 93,385 | 51 | 20 | 7 | 4 | – | 1 | – | – | 1 | – | – | – | – | 1 | 2 | 8 | – |
| Clapham *H* - - - - S. | 46,953 | 15 | 8 | 4 | 2 | – | – | – | – | 2 | – | – | – | 1 | 1 | – | 1 | – |
| Wandsworth *WHHL* - - S. | 58,101 | 34 | 12 | 2 | 3 | – | – | – | – | – | – | – | – | 1 | – | – | – | – |
| Putney - - - - - S. | 20,566 | 8 | 6 | 2 | 1 | – | 2 | – | – | – | – | – | – | 1 | – | 1 | – | – |
| Streatham *Wwww* - - - L. | 61,644 | 34 | 12 | 3 | 1 | – | 2 | 3 | 1 | 1 | – | – | – | 1 | – | – | 5 | – |
| Dulwich - - - - - L. & S. | 7,519 | 1 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Camberwell *Wwll* - S. & L. | 90,286 | 39 | 38 | 5 | 6 | – | – | – | – | 3 | – | – | – | – | 1 | 3 | 21 | 1 |
| Peckham *WW* - S., L., & K. | 88,242 | 44 | 13 | 4 | 2 | – | – | – | – | 3 | – | – | – | – | – | 3 | – | – |
| St. George Camberwell - L. & S. | 67,029 | 40 | 12 | 4 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | 1 |
| Deptford North - - - K. | 36,152 | 22 | 10 | 3 | 1 | – | 2 | – | – | – | – | – | – | – | – | – | – | 1 |
| Deptford Central *w* - - K. | 45,441 | 31 | 14 | 3 | 2 | – | – | – | 4 | 2 | – | 1 | – | 1 | – | – | 4 | 1 |
| Deptford South - - - K. | 33,402 | 22 | 8 | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| Greenwich West *H* - - K. | 23,012 | 11 | 4 | 1 | – | – | – | – | 1 | – | – | – | – | – | – | – | – | – |
| Greenwich East *WH* - - K. | 37,767 | 29 | 15 | 1 | 6 | – | – | – | – | 1 | – | – | – | – | 2 | 1 | 7 | 1 |
| Eltham *wH* - - - - K. | 5,911 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Lee *H* - - - - - K. | 24,222 | 9 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Lewisham *WwH* - - - K. | 38,139 | 17 | 13 | – | 3 | – | – | – | – | – | – | – | – | – | 3 | 3 | 5 | – |
| Sydenham *H* - - - - L. | 37,601 | 14 | 6 | 2 | 2 | – | 2 | – | 1 | – | – | – | – | – | – | – | – | – |
| Charlton *wHR* - - K. | 15,928 | 5 | 10 | – | – | – | – | 1 | 3 | – | – | 1 | – | – | 1 | 1 | 7 | – |
| Woolwich Dockyard - - K. | 19,355 | 10 | 7 | 3 | 1 | – | 1 | – | – | 1 | – | – | – | – | – | – | – | – |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 12 | 6 | 2 | – | – | – | – | – | – | – | – | – | – | 1 | 1 | 1 | – |
| Plumstead West *H* - - K. | 16,714 | 5 | 1 | 1 | – | – | – | – | – | 1 | – | – | – | – | – | – | – | – |
| Plumstead East *WH* - - K. | 42,538 | 25 | 12 | 1 | 2 | – | 3 | – | – | 1 | – | – | – | – | – | – | 4 | – |
| Banstead Asylum - - - - | — | – | 4 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 4 | – |
| Caterham Asylum - - - - | — | – | 5 | – | 4 | – | – | – | – | – | – | – | – | – | – | – | 5 | – |
| Cane Hill Asylum - - - - | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Hospital Ships and Camp, Dartford | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Darenth Asylum - - - - | — | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | 2 | – |
| Hanwell Asylum - - - - | — | – | 2 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 2 | – |
| Colney Hatch Asylum - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| N.E. Hospital - - - - | — | – | 2 | – | – | – | – | 2 | – | – | – | – | – | – | – | – | 2 | – |
| Winchmore Hill Hospital - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Leavesden Asylum - - - - | — | – | 5 | – | 3 | – | – | – | – | – | – | – | – | – | – | – | 5 | – |
| Claybury Asylum - - - - | — | – | 6 | – | 5 | – | – | – | – | – | – | – | – | – | – | – | 6 | – |

BLE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 2nd July, 1898.

| gis-tion trict nd ub-trict um-rs. | REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years & upwds. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LONDON—OUTER RING - | 368,749 | 1,422,063 | 978 | 368 | 90 | 106 | - | 6 | 1 | 11 | 18 | 2 | 3 | 10 | 22 | 55 | 6 |
| :1 | Carshalton *wHH* - - | 12,228 | 26,108 | 15 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Epsom, *part of** *WwHH* - | 10,423 | 12,508 | 9 | 3 | - | 2 | - | - | - | - | - | - | - | - | - | - | - |
| :1 | Godstone, *part of** *W* - | 2,754 | 1,598 | 2 | 1 | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - |
| :1 | Croydon *WwHHH* - - | 20,851 | 128,699 | 72 | 33 | 5 | 11 | - | - | - | 1 | 1 | - | - | 4 | 6 | 14 | - |
| 2 | Mitcham *w* - - - | 11,697 | 23,088 | 10 | 2 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| :1 | Wimbledon *HHH* - - | 3,220 | 25,761 | 23 | 8 | 4 | 3 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Kingston *W* - - - | } 8,071 | { 33,566 | 20 | 7 | 2 | - | - | - | - | - | - | - | - | - | - | 2 | - |
| 3 | Surbiton *H-* - - - | | 11,199 | 8 | 4 | - | - | - | 1 | - | - | - | - | - | - | - | - | - |
| 4 | Esher, *part of** *HH* - - | 6,601 | 12,059 | 5 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 5 | Hampton *HL* - - - | 4,565 | 18,252 | 9 | 5 | - | 2 | - | - | - | - | - | 2 | - | - | 1 | - | - |
| :1 | Richmond *WH-* - - - | 2,160 | 25,389 | 8 | 7 | 1 | 5 | - | - | - | - | - | - | - | - | 1 | 2 | - |
| 2 | Mortlake *H* - - - | 2,823 | 16,159 | 9 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| :1 | Bromley *HHH* - - - | 9,127 | 23,815 | 12 | 5 | - | 2 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Beckenham *H* - - - | 6,542 | 21,969 | 12 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 4 | 10 | 2 | 5 | - | - | - | - | - | - | 1 | - | - | 1 | 1 |
| :1 | Bexley *HHH* - - - | 12,540 | 30,590 | 19 | 10 | - | 3 | - | 2 | - | 2 | - | - | - | - | - | 1 | 1 |
| 2 | Dartford *WH*, *part of** - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| :1 | Sunbury *w* - - - | 11,054 | 13,671 | 6 | 3 | 2 | - | - | - | - | - | 2 | - | - | - | - | - | - |
| 2 | Staines *WH* - - - | 13,277 | 13,221 | 8 | 6 | 2 | 2 | - | - | - | - | - | - | - | - | - | 1 | - |
| :1 | Hillingdon *WHH* - - | 6,035 | 12,237 | 4 | 2 | - | 1 | - | - | - | 1 | - | - | - | - | - | 2 | - |
| 2 | Uxbridge - - - - | 12,757 | 7,253 | 8 | 6 | - | 2 | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Hayes *wH-* - - - | 7,952 | 11,051 | 7 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| :1 | Isleworth *WHH* - - | 6,967 | 26,004 | 27 | 6 | 1 | 3 | - | - | - | - | - | - | - | - | - | 2 | - |
| 2 | Twickenham *HH* - - | 2,415 | 16,027 | 6 | 5 | 2 | 2 | - | - | - | - | - | - | 1 | - | - | - | - |
| 3 | Brentford *HHHH* - - | 4,318 | 37,777 | 19 | 7 | 3 | 1 | - | - | 1 | - | 2 | - | - | 1 | - | 1 | - |
| 4 | Chiswick - - - - | 1,245 | 21,963 | 15 | 10 | 3 | 4 | - | 1 | - | - | - | - | - | - | - | - | - |
| 5 | Acton *wH* - - - - | 6,132 | 30,945 | 20 | 7 | 2 | 3 | - | - | - | - | - | - | - | - | - | - | - |
| :1 | Harrow *HHH* - - - | 13,809 | 15,715 | 9 | 5 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Edgware *HH* - - - | 6,994 | 3,844 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Willesden *HHH* - - | 4,383 | 61,265 | 58 | 16 | 2 | 6 | - | 1 | - | 2 | - | - | - | - | 1 | 2 | 1 |
| 4 | Hendon *WH* - - - | 8,382 | 15,843 | 13 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| :1 | South Mimms *HH* - - | } 21,077 | { 6,367 | 4 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Barnet *WHH* - - - | | 14,152 | 10 | 3 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Finchley *HHH-* - - | 4,668 | 25,820 | 19 | 2 | - | 1 | - | - | - | - | 1 | - | - | - | - | - | - |
| :1 | Hornsey *HH* - - - | 3,039 | 61,097 | 49 | 8 | 4 | 2 | - | - | - | - | - | - | - | - | 1 | - | - |
| 2 | Tottenham *HH-* - - | 4,642 | 97,174 | 66 | 20 | 8 | 3 | - | - | - | 2 | - | - | 1 | - | 2 | - | - |
| 3 | Edmonton *Www* - - | 7,489 | 36,351 | 18 | 10 | - | 4 | - | - | - | - | - | - | - | - | - | 4 | - |
| 4 | Enfield *WWHH* - - | 12,602 | 31,536 | 23 | 4 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | 1 |
| 5 | Waltham Abbey - - - | 11,017 | 6,066 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 6 | Cheshunt *H* - - - | 8,480 | 9,620 | 3 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 1 | Hatfield, *part of** *W-* - | 3,306 | 582 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | Bushey *H* - - - - | 9,331 | 7,737 | 7 | 4 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Watford *WH*, *part of** - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | Stratford *H* - - - | } 4,706 | { 38,612 | 20 | 10 | 3 | 3 | - | - | - | - | 2 | - | - | 1 | 2 | 1 | - |
| 2 | Plaistow *WHH-* - - | | 58,030 | 52 | 19 | 8 | 1 | - | - | - | 2 | 2 | - | - | - | 1 | - | - |
| 3 | Canning Town *H* - - | | 54,750 | 36 | 17 | 6 | 1 | - | - | - | - | - | - | - | 1 | 2 | 2 | 2 |
| 4 | Forest Gate *w* - - - | | 53,511 | 43 | 15 | 2 | 6 | - | - | - | - | 2 | - | - | 1 | 1 | - | - |
| 5 | East Ham *wH-* - - | 3,266 | 32,713 | 51 | 19 | 8 | 4 | - | - | - | - | 4 | - | - | - | 1 | - | - |
| 6 | Leyton *WWWwH* - - | 4,334 | 70,188 | 54 | 25 | 5 | 6 | - | - | - | - | 1 | - | - | 1 | 1 | 11 | - |
| 7 | Walthamstow *HHL-* - | 6,501 | 57,330 | 41 | 13 | 4 | 4 | - | - | - | 1 | - | - | - | 1 | 1 | 1 | - |
| 1 | Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 6 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | - |
| 2 | Epping *WH*, *part of** - - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | Romford, *part of** *WH* - | 6,556 | 4,324 | 5 | 3 | 2 | - | - | - | - | - | - | - | - | - | - | 1 | - |
| 2 | Ilford - - - - - | 8,493 | 10,913 | 14 | 3 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Barking Town, *H* - - | 3,814 | 14,301 | 12 | 5 | 1 | - | - | 1 | - | - | - | - | - | - | 1 | - | - |
| | Middlesex Co. Lunatic Asy., Wandsworth. | — | — | - | 6 | - | 1 | - | - | - | - | - | - | - | - | - | 6 | - |

The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring as follows:—30: 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37: 1, the parishes of Warlingham Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in field sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping , 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for ctious Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford: and 187: 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 2nd July, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | Annual Rate of Mortality per 1000 living. From All Causes. | Annual Rate of Mortality per 1000 living. From Diseases in Cols. 8-14. | Deaths from All Causes. | The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Deaths in Public |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. | 1 |
| GREATER LONDON | **443,421** | **6,408,321** | **13·2** | **1·7** | **1624** | **394** | **369** | – | **54** | **13** | **39** | **60** | **12** | **25** | **66** | **45** |
| INNER LONDON - | 74,672 | 4,504,766 | 14·5 | 1·9 | 1256 | 304 | 263 | – | 48 | 12 | 28 | 42 | 10 | 22 | 56 | 3 |
| OUTER RING - | 368,749 | 1,903,555 | 10·1 | 1·1 | 368 | 90 | 106 | – | 6 | 1 | 11 | 18 | 2 | 3 | 10 | |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent t the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

| CITIES | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | | BIRTHS. (Exclusive of Stillborn) | DEATHS. (Exclusive of Stillborn) | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM PRINCIPAL ZYMOTIC DISEASES. Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 295,628 | July | 2 | 167 | 121 | 21·3 | – | 13 | – | 1 | 5 | 1 | |
| GLASGOW - - | 724,349 | " | 2 | 513 | 297 | 21·4 | – | 11 | 1 | 2 | 19 | – | |
| DUBLIN - - | 349,594 | " | 2 | 270 | 146 | 21·8 | – | – | 2 | 1 | 1 | 4 | |
| CALCUTTA - - | 466,460 | April | 23 | – | 271 | 30·3 | 2 | – | – | – | – | 106 | |
| BOMBAY - - | 821,764 | June | 7 | 139 | 508 | 32·1 | – | 8 | ? | ? | ? | 118† | |
| MADRAS - - | 452,518 | May | 27 | – | – | – | – | – | – | – | – | – | |
| PARIS - - - | 2,511,629 | June | 25 | 1194 | 789 | 16·3 | – | 33 | 3 | 4* | 9 | 3 | |
| BRUSSELS - - | 531,024 | " | 25 | 276 | 191 | 18·0 | – | – | – | 2* | 1 | – | |
| AMSTERDAM - | 507,789 | " | 18 | 246 | 153 | 15·7 | – | 5 | – | – | 6 | 2 | |
| ROTTERDAM - | 301,816 | " | 18 | 176 | 103 | 17·7 | – | 5 | – | 1 | – | 1 | |
| THE HAGUE - | 196,325 | " | 18 | 98 | 38 | 10·1 | 1 | – | – | 1 | – | – | |
| COPENHAGEN - | 340,500 | " | 25 | – | – | – | – | – | – | – | – | – | |
| STOCKHOLM - | 274,611 | " | 18 | 154 | 90 | 16·5 | – | 1 | – | 1* | 2 | – | |
| CHRISTIANIA - | 192,141 | " | 25 | 121 | 76 | 19·4 | – | 3 | – | – | 2 | – | |
| ST. PETERSBURG | 954,400 | " | 18 | 510 | 556 | 30·4 | 2 | 9 | 11 | 22 | 6 | 19 | |
| MOSCOW - - | 988,610 | " | 18 | – | 660 | 34·8 | 3 | 7 | 9 | 7 | 2 | 7 | |
| BERLIN - - | 1,753,775 | " | 11 | 923 | 580 | 17·1 | 1 | 4 | 6 | 6 | 10 | 1 | |
| HAMBURG - - | 661,015 | " | 25 | – | 203 | 16·0 | – | 20 | – | – | 4 | – | |
| DRESDEN - - | 377,500 | May | 5 | – | – | – | – | – | – | – | – | – | |
| BRESLAU - - | 392,795 | June | 25 | – | 198 | 26·3 | – | 3 | 1 | 1 | 1 | 1 | |
| MUNICH - - | 430,000 | " | 25 | – | 202 | 24·4 | – | – | – | 3* | – | – | |
| VIENNA - - | 1,574,129 | " | 25 | 953 | 588 | 19·2 | – | 20 | 6 | 6* | 5 | 2 | |
| PRAGUE - - | 377,109 | " | 25 | 208 | 189 | 25·7 | – | 8 | 3 | – | – | 2 | |
| BUDA-PESTH - | 648,104 | " | 18 | 402 | 238 | 19·1 | – | 4 | 5 | 1 | 1 | 1 | |
| TRIESTE - - | 164,491 | " | 18 | 87 | 68 | 21·4 | – | – | 1 | – | 2 | 2 | |
| ROME - - - | 489,965 | May | 28 | 187 | 174 | 18·5 | – | 6 | – | 2 | 1 | 3§ | |
| TURIN (10 days) | 344,203 | June | 10 | – | – | – | – | – | – | – | – | – | |
| VENICE - - | 167,074 | " | 11 | 88 | 58 | 18·1 | – | – | – | 1* | 1 | 1 | |
| CAIRO - - | 570,062 | April | 8 | 388 | 351 | 32·0 | – | 7 | – | 5* | – | 12 | |
| ALEXANDRIA - | 319,766 | " | 8 | 237 | 151 | 24·6 | 9 | – | – | – | – | 8 | |
| NEW YORK (including BROOKLYN) | 3,438,899 | June | 18 | 1393 | 1134 | 17·2 | – | 22 | 17 | 22 | 10 | 2 | |
| PHILADELPHIA - | 1,240,266 | " | 11 | – | 363 | 15·3 | – | 10 | 2 | 17 | 5 | 7 | |

* Including deaths from croup.
† Including 44 deaths from bubonic fever.
‡ Including 32 deaths from cholera in Calcutta and one death in Bombay.
§ Including one death from malarial fever.

| 1898. Month and Day. | | Phases of the Moon. | Mean daily reading (corrected and reduced to 32° Fahrenheit). | Of the Air. High-est. | Of the Air. Low-est | Of the Air. Daily Range. | Of the Air. Mean daily value. | Of the Air. De-parture from Average of 50 years. | Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Greatest. | Least. | Degree of Humidity (Saturation equals 100). | Of Radiation. Highest in Sun's Rays. | Of Radiation. Lowest on the Grass. | Of the Earth 3 feet below the Surface. | Wind as deduced from Anemometers. Osler's. General Direction. A.M. | P.M. | Pressure on the Square Foot. Greatest. | Least. | Mean of 24 hourly obs. | Robinson's. Horizontal Movement of the Air on each Day. | Departure from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| June | | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| Sunday - | 26 | .. | 29·438 | 62·2 | 46·9 | 15·3 | 52·8 | − 8·6 | 47·8 | 5·0 | 12·4 | 0·4 | 83 | 126·3 | 43·8 | 57·82 | S., SW. & SSE. | SSE., SE. & Variable. | 1·4 | 0·0 | 0·0 | 142 | −104 | 0·13 | 0·0 |
| Monday - | 27 | First Qr. | 29·653 | 62·2 | 49·3 | 12·9 | 55·1 | − 6·3 | 51·4 | 3·7 | 8·9 | 1·0 | 87 | 102·5 | 46·0 | 57·60 | N. & NNW. | N. | 8·0 | 0·0 | 0·5 | 323 | + 75 | 0·52 | 0·0 |
| Tuesday - | 28 | .. | 29·844 | 67·0 | 50·0 | 17·0 | 57·6 | − 3·7 | 50·0 | 7·6 | 14·6 | 1·8 | 76 | 124·3 | 48·7 | 57·52 | N. & NNW. | N. & S. | 2·0 | 0·0 | 0·1 | 208 | − 42 | 0·00 | 0·0 |
| Wednesday | 29 | .. | 29·866 | 75·3 | 51·0 | 24·3 | 62·8 | + 1·6 | 49·8 | 13·0 | 23·8 | 1·0 | 63 | 141·4 | 47·7 | 57·47 | SW. & WSW. | WSW. & S.W. | 2·8 | 0·0 | 0·2 | 279 | + 28 | 0·00 | 0·0 |
| Thursday- | 30 | .. | 29·920 | 74·2 | 56·0 | 18·2 | 63·1 | + 1·9 | 57·9 | 5·2 | 14·1 | 0·0 | 83 | 128·2 | 54·4 | 57·61 | SW. | WSW., S.W. & N. | 3·4 | 0·0 | 0·1 | 249 | − 3 | 0·03 | 0·0 |
| July Friday - | 1 | .. | 30·009 | 71·6 | 53·7 | 17·9 | 60·9 | − 0·4 | 49·1 | 11·8 | 21·2 | 1·5 | 65 | 125·4 | 49·6 | 58·05 | NNW & W. | WSW. & SSW. | 2·9 | 0·0 | 0·2 | 270 | + 18 | 0·03 | 0·0 |
| Saturday - | 2 | Greatest Dec. S. | 29·856 | 72·3 | 54·6 | 17·7 | 63·1 | + 1·7 | 52·2 | 10·9 | 18·7 | 1·1 | 68 | 131·5 | 51·5 | 58·32 | SW., WSW. & NNW. | NNW., WNW. & WSW. | 4·7 | 0·0 | 0·3 | 319 | + 68 | 0·13 | 0·2 |
| Means - | - | | 29·798 | 69·3 | 51·6 | 17·6 | 59·3 | − 2·0 | 51·2 | 8·2 | 16·2 | 1·0 | 75 | 125·7 | 48·8 | 57·77 | NNW. & SW. | | .. | .. | .. | Sum 1790 | Sum + 40 | Sum 0·84 | 0·0 |
| No. of Column - | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| Date. June | | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | General Remarks. |
|---|---|---|---|---|---|
| Sunday - | 26 | w. P. till 9h. A.M.; v. P. & v. N. afterwards. | 4·6 | 16·5 | Cloudy in morning; variable and showery after 9h. A.M. Thunder in forenoon; lightning and thunder in evening. |
| Monday - | 27 | w. P. and w. N. till 9h. A.M.; v. P. & v. N. till 4h. P.M.; w. P. afterwards. | 1·0 | 16·5 | Cloudy; showery. Lightning and thunder accompanied by a heavy shower of rain and hail at 3h. 35m. P.M. |
| Tuesday - | 28 | w. P. generally - | 4·9 | 16·5 | Cloudy in morning; fine with variable amounts of cloud till evening; cloudless after 10h. P.M. |
| Wednesday | 29 | w. P. throughout - | 13·1 | 16·5 | Very fine till 9h. P.M.; generally cloudy afterwards. |
| Thursday- | 30 | w. P. throughout - | 2·6 | 16·5 | Overcast till 1h. P.M., with frequent slight rain in morning; fine till 10h. P.M.; cloudy with slight rain afterwards. |
| July Friday - | 1 | w. P. generally - | 9·2 | 16·5 | Cloudy and showery till 4h. A.M.; fine and partially cloudy till 5h. P.M.; overcast afterwards with frequent slight rain after 7h. P.M. |
| Saturday - | 2 | w. P. till 9h. A.M.; m. P. generally till 6h. P.M.; w. P. afterwards. | 10·2 | 16·5 | Cloudy and showery in morning; very fine with small amounts of cloud afterwards. |
| | | | Sum 45·6 | Sum 115·5 | |
| No. of Col. - | - | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer increased from 29·35 in. at the beginning of the week to 30·06 in. by 10h. A.M. on July 1st; decreased to 29·77 in. by 6h. A.M. on July 2nd; increased to 29·88 in. by 2h. P.M. on the same day; and decreased to 29·85 in. by the end of the week.

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1898

OFFICIAL COPY.

# WEEKLY RETURN

OF

# BIRTHS AND DEATHS IN LONDON

AND IN

# THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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No. 27. 1898. Vol. LIX.] Week ending Saturday, July 9. [Price 1½*d.*

*General Register Office, Somerset House,*
*July 11th*, 1898.

## Thirty-three Great Towns.

The deaths registered last week in Thirty-three Great Towns of England and Wales corresponded to an annual rate of 14·7 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| Towns. | Weeks ending June 18. | June 25. | July 2. | July 9. | Towns. | Weeks ending June 18. | June 25. | July 2. | July 9. |
|---|---|---|---|---|---|---|---|---|---|
| **33 Great Towns** | 14·7 | 15·1 | 14·9 | 14·7 | Leicester - - | 9·2 | 12·5 | 11·7 | 14·2 |
| Birkenhead - | 13·4 | 16·6 | 11·5 | 11·5 | Liverpool - - | 18·5 | 17·4 | 18·4 | 17·3 |
| Birmingham - | 15·0 | 16·2 | 15·0 | 15·1 | London - - - | 13·8 | 14·5 | 14·5 | 14·3 |
| Blackburn - | 17·6 | 13·3 | 16·0 | 13·3 | Manchester - - | 19·3 | 19·9 | 17·0 | 17·0 |
| Bolton - - | 13·6 | 14·5 | 13·2 | 14·0 | Newcastle-on-Tyne | 22·2 | 24·3 | 20·8 | 20·3 |
| Bradford - | 15·8 | 14·1 | 12·5 | 14·1 | Norwich - - | 14·0 | 10·3 | 10·3 | 13·5 |
| Brighton - | 12·4 | 11·1 | 11·1 | 10·3 | Nottingham - - | 13·2 | 12·1 | 14·6 | 11·5 |
| Bristol - | 10·7 | 13·7 | 12·2 | 12·3 | Oldham - - | 15·8 | 16·2 | 14·4 | 13·7 |
| Burnley - | 9·5 | 11 4 | 12·9 | 10·9 | Plymouth - - | 17·4 | 20·0 | 17·4 | 17·9 |
| Cardiff - - | 8·5 | 12·9 | 10·6 | 9·4 | Portsmouth - - | 11·2 | 12·9 | 14·0 | 11·5 |
| Croydon - | 9·6 | 10·9 | 10·9 | 12.6 | Preston - - | 19·7 | 13·0 | 9·0 | 12·5 |
| Derby - - | 13·4 | 12·9 | 15·4 | 11·9 | Salford - - - | 19·3 | 18·4 | 18·4 | 17·2 |
| Gateshead - | 20·6 | 16·6 | 18·6 | 18·1 | Sheffield - - | 15·2 | 15·7 | 17·0 | 16·1 |
| Halifax - | 17·2 | 14·6 | 12·9 | 14·0 | Sunderland - - | 18·1 | 21·4 | 22·8 | 21·4 |
| Huddersfield- | 14·8 | 11·7 | 11·2 | 9·7 | Swansea - - | 14·8 | 16·9 | 14·3 | 15·3 |
| Hull - - | 13·6 | 14·5 | 15·2 | 14·3 | West Ham - - | 9·6 | 9·6 | 12·6 | 16·6 |
| Leeds - - | 17·5 | 16·1 | 15·6 | 16·8 | Wolverhampton - | 17·2 | 13·6 | 19·0 | 11·3 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were :—from *measles*, 1·3 in Croydon, 1·5 in Gateshead, and 2·1 in Plymouth; from *scarlet fever*, 1·0 in Gateshead; from *whooping-cough*, 1·0 in Swansea and in Sheffield, 1·1 in Oldham and in Sunderland, 1·2 in Salford, 1·7 in Bolton, and 2·1 in Newcastle-on-Tyne; from "*fever*," 1·0 in Swansea; and from *diarrhœa*, 1·2 in Wolverhampton. The 48 deaths from *diphtheria* included 27 in London, 6 in Leeds, and 3 in West Ham. One death from *small-pox* was registered in Liverpool, but not one in any other of the thirty-three towns.

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

## London.

In London* 2502 births and 1232 deaths were registered. Allowing for increase of population, the births were 88, and the deaths 275, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 13·8, 14·5, and 14·5 in the preceding three weeks, fell again last week to 14·2. During the four weeks ending on Saturday last the death-rate averaged 14·3 per 1000, being 2·7 per 1000 below the mean rate in the corresponding periods of the ten years 1888–97.

The 1231 deaths included 28 from measles, 8 from scarlet fever, 27 from diphtheria, 41 from whooping-cough, 7 from enteric fever, 25 from diarrhœa and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 136 deaths were referred to these diseases, being 151 below the corrected average weekly number.

The deaths from *measles*, which had been 50, 43, and 48 in the preceding three weeks, fell again last week to 28, and were 34 below the corrected average. The deaths from *scarlet fever*, which had been 10, 8, and 12 in the preceding three weeks, fell again last week to 8, and were 9 below the corrected average; 3 cases belonged to St. Pancras, and 2 to Newington sanitary areas. The deaths from *diphtheria*, which had been 26, 21, and 29 in the preceding three weeks, fell again last week to 27, and were 13 below the corrected average; 5 cases belonged to Poplar, and 3 to Shoreditch sanitary areas. The deaths from *whooping-cough*, which had been 44, 39, and 42 in the preceding three weeks, were 41 last week, this number being also the corrected average; 5 cases belonged to Kensington, 5 to Wandsworth, and 4 to Camberwell sanitary areas. The fatal cases of *enteric fever*, which had been 4, 4, and 10 in the preceding three weeks, fell again last week to 7, the corrected average being 8; 5 cases belonged to the Southern group of sanitary areas. The deaths from *diarrhœa*, which had been 12, 17, and 22 in the preceding three weeks, further rose last week to 25, but were 89 below the corrected average. The deaths referred to diseases of the respiratory organs, which had been 185, 171, and 162 in the preceding three weeks, further fell last week to 160, and were 25 below the corrected average. The deaths attributed directly to *influenza* numbered 5, having been 12, 9, and 3 in the preceding three weeks.

Different forms of violence caused 56 deaths, concerning all of which inquests were held. Of these 56 deaths, 13 were cases of suicide, and 2 of homicide, while the remaining 41 were attributed to accident or negligence. Six of these were referred to vehicles in the streets, 9 to drowning, and 2 (of infants under one year of age) to suffocation in bed.

### Cases of Infectious Sickness in Hospitals.†

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2250 cases of scarlet fever, 1013 of diphtheria, and 62 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 237 cases, against 230, 231, and 204; of diphtheria, 155 cases, against 134, 126, and 120; and of enteric fever, 15 cases, against 12, 12, and 8.

---

* Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

† The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.

DEATHS of PERSONS BELONGING to LONDON and its SANITARY AREAS.

REGISTERED in the 13 WEEKS ENDING 2nd JULY, 1898.

| SANITARY AREAS. | Total Deaths from all Causes | Deaths from Principal Zymotic Diseases. | | | | | | | | | Deaths from Phthisis. | Deaths of Infants under 1 Year of Age. | Deaths under 1 Year to 1000 Births registered. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping cough. | Typhus. | Enteric Fever. | Simple and undefined Fever. | Diarrhœa. | | | |
| REGISTRATION LONDON | 17,984 | - | 1,073 | 154 | 363 | 671 | - | 69 | 1 | 181 | 1,858 | 4,068 | 126 |
| **West.** | | | | | | | | | | | | | |
| Paddington | 467 | - | 54 | - | 9 | 9 | - | 2 | - | 1 | 50 | 89 | 127 |
| Kensington | 675 | - | 55 | 8 | 8 | 17 | - | 2 | - | 3 | 55 | 141 | 156 |
| Hammersmith | 415 | - | 35 | 4 | 2 | 16 | - | - | - | 2 | 50 | 95 | 129 |
| Fulham | 443 | - | 9 | 9 | 13 | 18 | - | 2 | - | 7 | 42 | 117 | 110 |
| Chelsea | 412 | - | 38 | 4 | 18 | 7 | - | 2 | - | 1 | 37 | 66 | 114 |
| St. George Hanover Square | 269 | - | 10 | - | 2 | 6 | - | 2 | - | 3 | 22 | 50 | 142 |
| St. Margt & St. John Westr. | 243 | - | 17 | - | 6 | 19 | - | - | - | 2 | 32 | 36 | 138 |
| St. James Westminster | 84 | - | 6 | - | 1 | - | - | 1 | - | - | 10 | 15 | 146 |
| **North.** | | | | | | | | | | | | | |
| St. Marylebone | 665 | - | 89 | 2 | 11 | 15 | - | 2 | - | 7 | 56 | 126 | 129 |
| Hampstead | 209 | - | 2 | 2 | 5 | 6 | - | 2 | - | 3 | 20 | 40 | 110 |
| St. Pancras | 974 | - | 31 | 10 | 13 | 29 | - | 2 | - | 3 | 103 | 201 | 119 |
| Islington | 1,249 | - | 111 | 6 | 26 | 63 | - | 4 | - | 8 | 119 | 280 | 121 |
| Stoke Newington | 116 | - | - | 1 | 1 | 4 | - | - | - | 1 | 7 | 21 | 96 |
| Hackney | 755 | - | 32 | 12 | 31 | 24 | - | 4 | - | 3 | 79 | 154 | 100 |
| **Central.** | | | | | | | | | | | | | |
| St. Giles | 179 | - | 12 | - | - | 4 | - | 2 | - | 1 | 27 | 30 | 114 |
| St. Martin-in-the-Fields | 40 | - | - | - | - | - | - | - | - | - | 3 | 5 | 125 |
| Strand | 135 | - | 4 | 1 | 2 | 3 | - | - | - | 1 | 21 | 15 | 136 |
| Holborn | 176 | - | 20 | 1 | 2 | 4 | - | - | - | 1 | 22 | 38 | 167 |
| Clerkenwell | 317 | - | 22 | 5 | 9 | 11 | - | - | - | 3 | 31 | 77 | 147 |
| St. Luke | 247 | - | 15 | 3 | 7 | 8 | - | - | - | 4 | 25 | 60 | 136 |
| City of London | 134 | - | 3 | 1 | 1 | - | - | 1 | - | - | 15 | 13 | 108 |
| **East.** | | | | | | | | | | | | | |
| Shoreditch | 515 | - | 15 | 10 | 8 | 24 | - | 1 | - | 10 | 55 | 123 | 124 |
| Bethnal Green | 618 | - | 46 | 1 | 17 | 29 | - | 5 | - | 7 | 69 | 173 | 154 |
| Whitechapel | 331 | - | 8 | 2 | 4 | 10 | - | 2 | - | 4 | 51 | 75 | 90 |
| St. George-in-the-East | 275 | - | 13 | 2 | 5 | 9 | - | 1 | - | 9 | 35 | 86 | 162 |
| Limehouse | 301 | - | 16 | - | 6 | 16 | - | 1 | - | 10 | 31 | 72 | 165 |
| Mile End Old Town | 457 | - | 21 | 1 | 7 | 23 | - | - | - | 3 | 36 | 120 | 115 |
| Poplar | 774 | - | 29 | 8 | 22 | 33 | - | 5 | - | 12 | 68 | 220 | 154 |
| **South.** | | | | | | | | | | | | | |
| St. Saviour | 127 | - | 2 | - | 2 | 5 | - | - | - | - | 19 | 32 | 175 |
| St. George-the-Mar. Southwk. | 303 | - | 5 | 9 | 7 | 13 | - | - | - | 3 | 45 | 72 | 140 |
| Newington | 487 | - | 10 | 5 | 9 | 1 | - | 3 | - | 11 | 72 | 124 | 118 |
| St. Olave | 58 | - | 2 | 1 | - | 5 | - | - | - | - | 5 | 12 | 194 |
| Bermondsey | 358 | - | 17 | 4 | 3 | 10 | - | - | - | 5 | 47 | 95 | 130 |
| Rotherhithe | 199 | - | 23 | 3 | 2 | 1 | - | - | - | 2 | 21 | 52 | 156 |
| Lambeth | 1,185 | - | 35 | 10 | 16 | 52 | - | 7 | - | 12 | 127 | 278 | 121 |
| Battersea | 593 | - | 33 | 6 | 21 | 17 | - | - | 1 | 5 | 55 | 155 | 122 |
| Wandsworth | 687 | - | 55 | 1 | 22 | 28 | - | 2 | - | 10 | 53 | 145 | 112 |
| Camberwell | 897 | - | 43 | 4 | 26 | 46 | - | 7 | - | 7 | 90 | 192 | 109 |
| Greenwich | 727 | - | 59 | 6 | 2 | 51 | - | 6 | - | 5 | 68 | 175 | 126 |
| Lee | 134 | - | 3 | 2 | 3 | 6 | - | - | - | 1 | 14 | 25 | 117 |
| Lewisham (excluding Penge) | 307 | - | 22 | 7 | 8 | 6 | - | - | - | 5 | 16 | 66 | 123 |
| Woolwich | 200 | - | 11 | - | 3 | 13 | - | 1 | - | 4 | 21 | 55 | 194 |
| Plumstead | 247 | - | 40 | 3 | 3 | 10 | - | - | - | 2 | 34 | 52 | 109 |

In the above Table all deaths of persons in, or on the way to, Hospitals and other Public Institutions, as well as those of persons under treatment in surgical homes, or dying by accident or otherwise in the streets, have been distributed, as far as practicable, to the sanitary areas in which the deceased had previously resided. The deaths of 421 London residents who died outside Registration London in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, the City of London Lunatic Asylum at Stone, and the Metropolitan Hospitals and Asylums, have been similarly distributed. In 460 cases the previous residence was outside Registration London, and these have been excluded from the Table.

## GREATER LONDON.

In Greater London 3481 births and 1652 deaths were registered, corresponding to annual rates of 28·3 and 13·4 per 1000 of the estimated population. In the Outer Ring 15 deaths from measles, 1 from scarlet fever, 10 from diphtheria, 15 from whooping-cough, 4 from "fever," 5 from diarrhœa, and 51 from violence were registered. Four deaths from diphtheria occurred in Hendon district and 3 in West Ham district. The deaths from violence included 33 which were caused by an accident at the launching of a ship.

## METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 30·03 inches, and that of the Thermometer 60·0, the latter being 2°·0 below the week's average in the 50 years 1841–90. The direction of the wind was variable, the horizontal movement of the air being 5 per cent. above the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 40·4 hours; no rain was measured during the week.

## RETURNS OF LONDON WATER COMPANIES.

The LONDON WATER COMPANIES have been good enough to furnish the following account of the number of services and the average daily amount of water supplied during the month of June 1898. The supply was in the ratio of 250 gallons to one service.

| COMPANIES. | Number of Services. | | Daily Supply of Water in Gallons. | |
|---|---|---|---|---|
| | JUNE, 1897. | JUNE, 1898. | JUNE, 1897. | JUNE, 1898. |
| TOTAL SUPPLY - - - | 846,124 | 861,711 | 214,535,477 | 215,691,559 |
| From Thames - - - - - - | 407,758 | 414,708 | 114,817,747 | 114,516,958 |
| From Lea and from other Sources - | 438,366 | 447,003 | 99,717,730 | 101,174,601 |
| THAMES. | | | | |
| Chelsea - - - - - - | 37,548 | 37,926 | 13,101,147 | 12,358,121 |
| West Middlesex - - - - - | 81,331 | 82,546 | 21,255,935 | 23,124,933 |
| Southwark and Vauxhall - - | 120,608 | 121,745 | 33,551,130 | 33,324,403 |
| Grand Junction - - - - - | 61,477 | 62,614 | 20,441,838 | 20,540,434 |
| Lambeth - - - - - - | 106,794 | 109,877 | 26,467,697 | 25,169,067 |
| LEA AND OTHER SOURCES. | | | | |
| New River - - - - - - | 162,169 | 164,354 | 37,996,000 | 38,403,963 |
| East London - - - - - | 190,974 | 194,871 | 45,546,542 | 45,766,743 |
| Kent - - - - - - - | 85,223 | 87,778 | 16,175,188 | 17,003,895 |

*Note.*—The Return for June 1898, as compared with that for the corresponding month of 1897, shows an increase of 15,587 services and 1,156,082 gallons of water supplied daily.

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## ANALYSIS OF METROPOLITAN WATER SUPPLY DURING JUNE 1898.

*Water-analysis Laboratory, The Yews, Reigate,*
*3rd July*, 1898.

SIR,

I HAVE to report to you the results of the chemical analysis, and of the physical and bacterioscopic examination, of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of June.

At the request of the Associated Metropolitan Water Companies, I have extended these monthly examinations to (*a*) the bacterioscopic and chemical condition of the raw river waters at the intakes of the various Companies, and (*b*) to the bacteriology of the water as it issues from the filter beds of each Company, and before it is pumped into the distributing mains.

I append, also, the results obtained in the analyses of the waters supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill, of Birmingham, and Dr. Mills, of Glasgow.

Taking the average amount of organic impurity in a given volume of the Kent Company's water during the nine years ending December 1876, as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies, was:—Kent 0·6, New River 0·7, East London (deep well) 2·0, Southwark and Lambeth 2·4, Grand Junction 2·5, West Middlesex 2·6, East London (river supply) 2·7, and Chelsea 2·8. The unfiltered waters contained the following proportions:—Thames at Hampton 5·5, New River Cut 2·3, and Lea at Angel Road 5·4.

The Thames at Hampton was, on June 14th, turbid and pale yellow in colour; it was of bad chemical, but good bacterial, quality. The water supplied by the five Companies drawing from this river was, in every case, efficiently filtered before delivery, and of good quality for dietetic purposes. The bacterial improvement effected by these Companies is expressed by the following percentage numbers:—Chelsea 94·74, West Middlesex 98·89, Southwark (No. 4 filter well) 97·63, (No. 5 filter well) 95·85, (general supply from Hampton) 95·34, Grand Junction (general filter well at Hampton) 92·37, (general filter well at Kew) 91·85, general supply from Kew), 84·59, and Lambeth 99·71. All the samples of Grand Junction Company's water infringed the standard of 100 microbes per c.c., but only one of them seriously.

## *Analysis of Metropolitan Waters.*

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

| | Companies or Local Authorities. | Date and Place of Collection. | Temperature in Centigrade degrees. | Total Solid Matters. | Organic Carbon. | Organic Nitrogen. | Ammonia. | Nitrogen as Nitrates and Nitrites. | Total Combined Nitrogen. | Chlorine. | Total Hardness. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Inner Circle. | THAMES. (Unfiltered water) - | June 14th, Grand Junction Co.'s intake at Hampton. | 15·8° | 28·92 | ·265 | ·057 | ·008 | ·164 | ·228 | 1·7 | 19·7 |
| | Chelsea - - - - | June 18th, Cab Rank, Horse Guards, Whitehall. | 14·9 | 26·26 | ·143 | ·020 | 0 | ·159 | ·178 | 1·6 | 18·3 |
| | West Middlesex - | June 18th, Cab Rank, Riding House-street. | 13·3 | 26·16 | ·135 | ·019 | 0 | ·146 | ·165 | 1·7 | 18·0 |
| | Southwark - - | June 18th, Cab Rank, St. George's Church, Borough. | 17·4 | 26·66 | ·128 | ·016 | 0 | ·161 | ·177 | 1·7 | 18·6 |
| | Grand Junction - | June 18th, Cab Rank, Portman-street, Oxford-street. | 16·2 | 26·48 | ·126 | ·020 | 0 | ·161 | ·181 | 1·6 | 18·3 |
| | Lambeth - - - | June 18th, Cab Rank, St. George's-road, Southwark. | 15·8 | 27·26 | ·120 | ·019 | 0 | ·162 | ·181 | 1·7 | 18·9 |
| | LEA. (Unfiltered water) - | June 17th, New River Cut at Green Lanes. | 14·9 | 32·68 | ·118 | ·017 | ·006 | ·223 | ·245 | 1·6 | 21·5 |
| | New River - - | June 18th, Cab Rank, Tottenham Court-road. | 15·7 | 29·56 | ·035 | ·009 | 0 | ·175 | ·184 | 1·6 | 18·3 |
| | (Unfiltered water) - | June 17th, East London Co.'s intake at Angel-road. | 15·8 | 34·52 | ·269 | ·052 | ·008 | ·236 | ·295 | 1·9 | 22·4 |
| | East London - - | June 18th, Cab Rank, Sidney-street, E. | 15·7 | 32·14 | ·138 | ·020 | 0 | ·138 | ·158 | 2·0 | 19·7 |
| Outer Circle. | DEEP WELLS. Kent - - - - | June 16th, Police Station, Blackheath-road. | 12·0 | 40·74 | ·033 | ·005 | 0 | ·509 | ·514 | 2·0 | 28·4 |
| | East London - - | June 27th, Waltham Abbey Well. | — | 29·14 | ·105 | ·012 | ·013 | ·008 | ·031 | 2·0 | 20·6 |
| | Corporation of Birmingham* - - - - | 20 and 22, Tudor Street | 13·9 | 30·2 | ·260 | ·050 | ·001 | ·300 | ·351 | 2·2 | 20·5 |
| | Corporation of Glasgow† | June 15th, Loch Katrine water. | 13·7 | 3·04 | ·126 | ·011 | 0 | ·003 | ·014 | 0·8 | 1·5 |
| | Column 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. |

* Analysed by Dr. Alfred Hill, F.I.C., Medical Officer of Health and Analyst to the City.

† Analysed by Dr. E. J. Mills, F.R.S., of the Glasgow and West of Scotland Technical College.

All the numbers contained in columns 4, 5, 6, 7, 8, 9, 10, and 11, relate to 100,000 parts of the waters. The Table is to be read thus:—The Thames water collected on the 14th of June at the Grand Junction Company's intake at Hampton had a temperature of 15·8° C.; 100,000 lbs. of it contained 28·92 lbs. of solid matter in solution; the organic substances, constituting a portion of this matter, contained ·265 lb. of carbon and ·057 lb. of nitrogen. The above quantity of water also contained ·008 lb. of ammonia and ·164 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was ·228 lb. The above weight of water also contained 1·7 lb. of chlorine, and 19·7 lbs. of carbonate of lime, or an equivalent amount of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

The New River Cut, before entering the storage and subsidence reservoirs of the New River Company, was, on June 17th, turbid and very pale yellow in colour. It was of excellent chemical quality, but inferior to the Thames in bacterial quality. After efficient filtration, it was delivered to consumers of most excellent chemical and bacterial quality, ranking, in these respects, with the deep well water of the Kent Company. The bacterial improvement is expressed by the following percentage numbers:—Filter well No. 4 99·31, filter well No. 5 99·77, and general filter well 99·43.

The water drawn from the Lea at Angel-road by the East London Company was, on the 17th of June, turbid and pale yellow in colour. It was of bad chemical and bacterial quality. After storage and efficient filtration, it was delivered of good chemical quality; the bacterioscopic examination, however, showed that all the samples infringed the standard of 100 microbes per c.c., but only one of them seriously. The bacterial improvement is expressed by the following percentage numbers:—No. 1 Essex well 98·54, No. 2 Essex well 98·39, and Middlesex well 96·26.

The deep well water of the Kent Company was clear and bright without filtration, but that of the East London Company was very slightly turbid. Both waters were of excellent quality for dietetic purposes, and the Kent Company's supply from the "New" well at Deptford gave only 15 microbes per cubic centimetre on a gelatine peptone plate.

Seen through a stratum two feet deep, the Kent water was clear and colourless, the East London (deep well) very slightly turbid and colourless, the New River clear and colourless, and the remaining waters clear and very pale yellow.

The bacterioscopic examination of the river waters, before and after storage, and of the supplies delivered by the various Companies, and collected on the 14th, 16th, and 17th of June, yielded, after prolonged incubation, the results contained in the following Table:—

| Description. | Microbes per c.c. | Temp. C |
|---|---|---|
| **Raw and Stored River Waters.** | | ° |
| River Thames at Hampton, June 14th | 1,350 | 15·8 |
| " " after storage for 12 days (Chelsea Company), June 14th | 580 | 14·7 |
| West Middlesex Company's water, from mixed storage, June 16th | 460 | 13·8 |
| Grand Junction Company's water at Kew Bridge, passing to filters, June 16th | 520 | 15·7 |
| Lambeth Company's unfiltered water passing to filter 5, June 14th | 1,900 | 15·0 |
| New River Cut before passing through reservoirs, June 17th | 1,740 | 14·9 |
| " " " after " " " | 470 | 14·8 |
| River Lea at Angel-road, June 17th | 7,000 | 15·8 |
| " " after storage (East London Company), June 17th | 2,940 | 15·8 |
| **Filtered River Waters as supplied.** | | |
| **Thames.** | | |
| Chelsea Company's general filter well, June 14th | 71 | 14·8 |
| West Middlesex Company's general filter well, June 16th | 15 | 14·2 |
| Southwark Company's No. 4 filter well, June 14th | 32 | 14·8 |
| " " " 5 " " " | 56 | 15·5 |
| " " tap on filtered water main at Hampton works, June 14th | 63 | 14·8 |
| Grand Junction Company's general filter well at Kew Bridge, June 16th | 110 | 15·0 |
| " " " " " Hampton, June 14th | 103 | 14·8 |
| " " " tap on filtered water main at Kew Bridge works, June 16th | 208 | 15·3 |
| Lambeth Company's general filter well, June 14th | 4 | 15·3 |
| **Lea.** | | |
| New River Company's general filter well, June 17th | 10 | 14·8 |
| " " " No. 4 " " " | 12 | 14·8 |
| " " " No. 5 " " " | 4 | 14·9 |
| East London Company's No. 1 Essex filter well, June 17th | 102 | 15·3 |
| " " " No. 2 " " " " | 113 | 14·8 |
| " " " Middlesex " " " | 262 | 15·5 |
| **Deep-well.** | | |
| Kent Company's "New Well" at Deptford, June 16th | 15 | 11·2 |

Dr. Hill, F.I.C., Medical Officer of Health for Birmingham, reports that the water supplied to that City was "very slightly turbid and pale green in a two-foot tube."

Dr. Mills, F.R.S., of the Glasgow and West of Scotland Technical College, reports that the water supplied to that City from Loch Katrine was "light brown in colour, and contained a little suspended matter."

I am, &c.,

E. Frankland.

The Registrar-General, &c., &c.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Registered during the Week ending 9th July 1898. Births. | Registered during the Week ending 9th July 1898. Deaths. | The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Annual Rate per 1000, corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6-12. | Temperature of the Air. Highest. Fahrenheit. | Lowest. Fahrenheit. | Mean. Fahrenheit. | Mean. Centigrade. | Rainfall. In Inches. | In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18 | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| 33 Towns - | **11,218,378** | **6509** | **3154** | **751** | **709** | **1** | **67** | **25** | **48** | **99** | **22** | **68** | **157** | **281** | **724** | **42** | **14·7** | **1·5** | **76·2** | **41·3** | **57·5** | **14·17** | **0·02** | **0·05** | 33 Towns. |
| London - - | 4,504,766 | 2502 | 1232 | 301 | 274 | - | 28 | 8 | 27 | 41 | 7 | 25 | 56 | 112 | 404 | 7 | 14·3 | 1·6 | 76·2 | 47·0 | 60·0 | 15·56 | 0·00 | 0·00 | London. |
| West Ham - - | 286,654 | 161 | 91 | 17 | 11 | - | 1 | 1 | 3 | 3 | 1 | 1 | 35 | 37 | 10 | - | 16·6 | 1·8 | - | - | - | - | - | - | West Ham. |
| Croydon - - | 124,421 | 67 | 30 | 8 | 10 | - | 3 | - | - | - | - | - | - | 3 | 6 | - | 12·6 | 1·3 | 76·0 | 47·0 | 59·5 | 15·28 | 0·00 | 0·00 | Croydon. |
| Brighton - - | 122,310 | 53 | 24 | 5 | 4 | - | - | - | 1 | - | - | - | 2 | 3 | 1 | 1 | 10·2 | 0·4 | 77·4 | 47·0 | 59·4 | 15·22 | 0·00 | 0·00 | Brighton. |
| Portsmouth - | 186,618 | 76 | 41 | 9 | 12 | - | 2 | - | - | 1 | 1 | 2 | - | 2 | 7 | 1 | 11·5 | 1·7 | 75·0 | 48·0 | 59·8 | 15·44 | 0·00 | 0·00 | Portsmouth. |
| Plymouth - - | 99,136 | 59 | 34 | 9 | 6 | - | 4 | - | - | 1 | 1 | 1 | - | 1 | 3 | 1 | 17·9 | 3·7 | - | - | - | - | - | - | Plymouth. |
| Bristol - - | 316,900 | 177 | 75 | 12 | 26 | - | 3 | - | - | 3 | - | 1 | 3 | 8 | 16 | - | 12·3 | 1·2 | 71·0 | 44·0 | 57·0 | 13·89 | 0·00 | 0·00 | Bristol. |
| Cardiff - - | 177,770 | 88 | 32 | 5 | 12 | - | - | - | 2 | - | 1 | - | - | 1 | 4 | - | 9·4 | 0·9 | - | - | - | - | - | - | Cardiff. |
| Swansea - - | 102,001 | 64 | 30 | 9 | 2 | - | - | - | - | 2 | 2 | - | 5 | 6 | 6 | 1 | 15·3 | 2·0 | - | - | - | - | - | - | Swansea. |
| Wolverhampton | 88,051 | 52 | 19 | 7 | 2 | - | 1 | - | 1 | - | - | 2 | - | 1 | 1 | - | 11·3 | 2·4 | 68·4 | 42·0 | 55·1 | 12·83 | 0·00 | 0·00 | Wolverhampton. |
| Birmingham - | 510,343 | 346 | 148 | 32 | 34 | - | 1 | 1 | 1 | 6 | - | 3 | 7 | 9 | 28 | 4 | 15·1 | 1·2 | - | - | - | - | - | - | Birmingham. |
| Norwich - - | 111,699 | 64 | 29 | 8 | 10 | - | - | - | - | - | - | 1 | 2 | 2 | 3 | - | 13·5 | 0·5 | 70·6 | 48·4 | 55·9 | 13·28 | 0·04 | 0·10 | Norwich. |
| Leicester - - | 208,662 | 124 | 57 | 11 | 22 | - | - | 3 | - | - | - | 1 | 2 | 3 | 13 | 1 | 14·2 | 1·0 | - | - | - | - | - | - | Leicester. |
| Nottingham - | 236,137 | 127 | 52 | 15 | 16 | - | - | - | - | - | 1 | 3 | 1 | 2 | 8 | 1 | 11·5 | 0·9 | 71·9 | 41·3 | 56·2 | 13·44 | 0·09 | 0·23 | Nottingham. |
| Derby - - - | 104,834 | 55 | 24 | 7 | 9 | - | - | - | - | 1 | - | 1 | - | 2 | 6 | - | 11·9 | 1·0 | - | - | - | - | - | - | Derby. |
| Birkenhead - | 113,189 | 66 | 25 | 9 | 3 | - | - | - | - | - | - | - | - | 2 | 6 | 1 | 11·5 | - | - | - | - | - | - | - | Birkenhead. |
| Liverpool - - | 633,645 | 407 | 210 | 50 | 39 | 1 | 4 | - | 2 | 5 | - | 6 | 11 | 15 | 49 | 10 | 17·3 | 1·5 | 67·6 | 49·4 | 55·6 | 13·11 | 0·00 | 0·00 | Liverpool. |
| Bolton - - | 122,495 | 62 | 33 | 10 | 7 | - | - | - | - | 4 | 1 | - | 3 | 8 | 2 | - | 14·0 | 2·1 | - | - | - | - | - | - | Bolton. |
| Manchester - | 539,079 | 314 | 176 | 38 | 38 | - | 2 | 3 | - | 2 | 1 | 1 | 8 | 16 | 49 | 6 | 17·0 | 0·9 | - | - | - | - | - | - | Manchester. |
| Salford - - | 215,702 | 171 | 71 | 15 | 10 | - | 2 | 1 | - | 5 | 1 | 3 | 1 | 2 | 12 | 1 | 17·2 | 2·9 | - | - | - | - | - | - | Salford. |
| Oldham - - | 148,288 | 74 | 39 | 6 | 9 | - | 1 | - | - | 3 | - | 1 | - | - | 6 | - | 13·7 | 1·8 | - | - | - | - | - | - | Oldham. |
| Burnley - - | 109,546 | 57 | 23 | 8 | 3 | - | - | - | - | - | - | - | 1 | 2 | 2 | 2 | 10·9 | - | - | - | - | - | - | - | Burnley. |
| Blackburn - - | 133,228 | 88 | 34 | 8 | 10 | - | - | - | 1 | - | - | - | 3 | 7 | 2 | 2 | 13·3 | 0·4 | - | - | - | - | - | - | Blackburn. |
| Preston - - | 116,356 | 83 | 28 | 6 | 9 | - | - | - | - | - | - | 1 | 1 | 2 | 3 | - | 12·5 | 0·4 | - | - | - | - | - | - | Preston. |
| Huddersfield - | 102,454 | 42 | 19 | 2 | 8 | - | - | - | 1 | - | - | - | - | - | 3 | - | 9·7 | 0·5 | 69·3 | 44·5 | 54·9 | 12·72 | 0·04 | 0·10 | Huddersfield. |
| Halifax - - | 96,729 | 43 | 26 | 5 | 7 | - | 1 | - | - | - | - | 1 | 1 | 1 | 4 | 2 | 14·0 | 1·1 | - | - | - | - | - | - | Halifax. |
| Bradford - - | 233,737 | 93 | 63 | 10 | 16 | - | 2 | - | 2 | - | - | 2 | - | 4 | 8 | - | 14·1 | 1·3 | 71·2 | 48·0 | 59·2 | 15·11 | 0·03 | 0·08 | Bradford. |
| Leeds - - - | 416,618 | 244 | 134 | 29 | 34 | - | 3 | 4 | 6 | 1 | 1 | 3 | 1 | 8 | 17 | - | 16·8 | 2·3 | - | - | - | - | - | - | Leeds. |
| Sheffield - - | 356,478 | 237 | 110 | 30 | 24 | - | 2 | - | 1 | 7 | - | 2 | 3 | 5 | 13 | 1 | 16·1 | 1·8 | - | - | - | - | - | - | Sheffield. |
| Hull - - - | 229,887 | 158 | 63 | 19 | 16 | - | 1 | - | - | 2 | 1 | 3 | 1 | 3 | 9 | - | 14·3 | 1·6 | - | - | - | - | - | - | Hull. |
| Sunderland - | 143,849 | 114 | 59 | 17 | 7 | - | - | 2 | - | 3 | 2 | 2 | 2 | 3 | 10 | - | 21·4 | 3·3 | - | - | - | - | - | - | Sunderland. |
| Gateshead - - | 103,775 | 83 | 36 | 11 | 5 | - | 3 | 2 | - | - | - | - | 2 | 4 | 1 | - | 18·1 | 2·5 | - | - | - | - | - | - | Gateshead. |
| Newcastle - - | 223,021 | 158 | 87 | 23 | 14 | - | 3 | - | - | 9 | 1 | 2 | 6 | 7 | 12 | - | 20·3 | 3·5 | - | - | - | - | - | - | Newcastle. |

* See note * on first page of this return.

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the TWENTY-SEVENTH Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2348 | 2507 | 2480 | 2453 | 2564 | 2220 | 2254 | 2651 | 2446 | 2689 | 2589·9 | 2502 |
| Males - - | 1206 | 1285 | 1300 | 1209 | 1315 | 1096 | 1158 | 1342 | 1279 | 1401 | 1324·9 | 1235 |
| Females - | 1142 | 1222 | 1180 | 1244 | 1249 | 1124 | 1096 | 1309 | 1167 | 1288 | 1265·0 | 1267 |
| TOTAL **Deaths** - | 1211 | 1350 | 1481 | 1352 | 1405 | 1847 | 1314 | 1519 | 1552 | 1293 | 1507·3 | 1232 |
| Males - - | 627 | 720 | 792 | 743 | 726 | 969 | 696 | 802 | 783 | 712 | 796·6 | 622 |
| Females - - | 584 | 630 | 689 | 609 | 679 | 878 | 618 | 717 | 769 | 581 | 710·7 | 610 |

* The numbers in this column are the average weekly numbers in the twenty-seventh week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | Apr. 16. | Apr. 23. | Apr. 30. | May 7. | May 14. | May 21. | May 28. | June 4. | June 11. | June 18. | June 25. | July 2. | July 9. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** - - - | 2623 | 2769 | 2522 | 2449 | 2425 | 2285 | 2569 | 2199 | 2646 | 2532 | 2385 | 2475 | 2502 |
| TOTAL **Deaths** - - - | 1648 | 1546 | 1485 | 1464 | 1356 | 1360 | 1385 | 1392 | 1411 | 1193 | 1257 | 1256 | 1232 |
| Ages at Death: Under 1 year - - | 377 | 336 | 346 | 297 | 288 | 322 | 339 | 259 | 294 | 276 | 306 | 305 | 301 |
| 1—5 years - - | 285 | 283 | 265 | 272 | 206 | 215 | 202 | 225 | 200 | 155 | 167 | 173 | 142 |
| 5—20 " - - | 76 | 88 | 80 | 60 | 71 | 86 | 83 | 94 | 83 | 68 | 74 | 86 | 63 |
| 20—40 " - - | 186 | 194 | 181 | 198 | 200 | 176 | 167 | 173 | 192 | 170 | 187 | 181 | 171 |
| 40—60 " - - | 290 | 300 | 283 | 276 | 268 | 271 | 246 | 281 | 288 | 259 | 244 | 248 | 281 |
| 60—80 " - - | 362 | 272 | 274 | 309 | 259 | 247 | 293 | 294 | 302 | 225 | 228 | 227 | 223 |
| 80 years and upwards | 72 | 73 | 56 | 52 | 64 | 43 | 55 | 66 | 52 | 40 | 51 | 36 | 51 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox - - - - - | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Measles - - - - - | 117 | 131 | 107 | 99 | 76 | 82 | 74 | 68 | 74 | 50 | 43 | 48 | 28 |
| Scarlet Fever - - - | 12 | 10 | 13 | 10 | 11 | 16 | 6 | 17 | 10 | 10 | 8 | 12 | 8 |
| Diphtheria - - - - | 34 | 31 | 39 | 27 | 20 | 31 | 27 | 30 | 23 | 26 | 21 | 29 | 27 |
| Whooping-cough - - - | 59 | 53 | 70 | 52 | 48 | 47 | 59 | 45 | 51 | 44 | 39 | 42 | 41 |
| Typhus - - - - - | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Enteric Fever - - - | 7 | 5 | 7 | 5 | 7 | 1 | 6 | 3 | 4 | 4 | 4 | 10 | 7 |
| Simple Continued Fever - | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Diarrhœa and Dysentery .. | 12 | 10 | 10 | 13 | 8 | 16 | 10 | 17 | 22 | 12 | 17 | 22 | 25 |
| Cholera - - - - - | – | – | – | – | – | – | – | – | – | – | – | – | – |
| All the above Diseases - | 241 | 241 | 246 | 206 | 170 | 193 | 182 | 180 | 184 | 146 | 132 | 163 | 136 |
| Dis. of Respiratory System - | 305 | 283 | 274 | 226 | 232 | 177 | 216 | 226 | 212 | 185 | 171 | 162 | 160 |
| Phthisis - - - - - | 138 | 154 | 153 | 158 | 168 | 159 | 134 | 126 | 156 | 134 | 140 | 149 | 150 |
| Dis. of Circulatory System - | 141 | 129 | 131 | 116 | 114 | 141 | 120 | 141 | 124 | 87 | 92 | 111 | 107 |
| Violence - - - - | 76 | 54 | 61 | 61 | 58 | 65 | 63 | 77 | 88 | 53 | 71 | 56 | 56 |
| Inquest Cases - - - - | 158 | 123 | 142 | 130 | 122 | 108 | 154 | 150 | 166 | 106 | 112 | 126 | 112 |
| Deaths in Public Institutions - | 461 | 472 | 447 | 440 | 431 | 449 | 438 | 451 | 430 | 395 | 418 | 397 | 404 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean - - - - - - | 49°·3 | 46°·4 | 48°·3 | 51°·9 | 50°·7 | 49°·0 | 54°·7 | 51°·9 | 60°·2 | 55°·2 | 60°·5 | 59°·3 | 60°·0 |
| Mean of Highest readings - | 57·4 | 56·8 | 57·5 | 59·9 | 59·0 | 56·7 | 64·8 | 61·2 | 70·6 | 63·5 | 70·5 | 69·3 | 70·1 |
| Mean of Lowest readings - | 42·2 | 37·6 | 40·4 | 44·8 | 44·7 | 42·8 | 46·7 | 44·6 | 50·8 | 48·3 | 53·1 | 51·6 | 52·0 |
| Humidity of the Air - - - | 72 | 73 | 81 | 75 | 76 | 82 | 76 | 76 | 78 | 76 | 74 | 75 | 71 |
| Rain-fall (in inches) - - | 0·31 | 0·00 | 0·49 | 0·58 | 0·54 | 0·78 | 0·40 | 0·61 | 0·32 | 0·01 | 0·47 | 0·84 | 0·00 |
| Registered Sunshine (in hours) | 25·8 | 46·4 | 23·9 | 36·6 | 30·8 | 32·2 | 37·0 | 26·4 | 41·1 | 32·3 | 39·3 | 45·6 | 40·4 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox - - - - - | – | – | – | – | – | – | – | 1 | 1 | 1 | – | – | – |
| Scarlet Fever - - - - | 2384 | 2334 | 2302 | 2271 | 2247 | 2241 | 2195 | 2207 | 2169 | 2194 | 2238 | 2205 | 2250 |
| Diphtheria - - - - | 962 | 953 | 930 | 942 | 948 | 953 | 923 | 973 | 1001 | 1018 | 999 | 976 | 1013 |
| Enteric Fever - - - - | 61 | 67 | 59 | 54 | 57 | 55 | 54 | 55 | 44 | 47 | 52 | 53 | 62 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and J. Boobbyer Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S. Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.

ABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-SEVENTH Week of the Year 1898.

| USES OF DEATH. | Corrected Averages for the 27th Week of the 10 years 1888-97*. | In the Week ending Saturday, 9th July 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| AUSES - - - | 1507·3 | 1232 | 301 | 142 | 63 | 171 | 281 | 223 | 51 |
| l- Vaccinated† - | 0·5 | - | - | - | - | - | - | - | - |
| Unvaccinated | 0·5 | - | - | - | - | - | - | - | - |
| No Statement | 0·6 | - | - | - | - | - | - | - | - |
| es - - - - | 61·9 | 28 | 7 | 20 | 1 | - | - | - | - |
| t Fever - - - | 16·8 | 8 | - | 4 | 3 | 1 | - | - | - |
| s - - - - | 0·1 | - | - | - | - | - | - | - | - |
| sing Fever - - | - | - | - | - | - | - | - | - | - |
| nza - - - - | 8·1 | 5 | - | - | - | - | 2 | 3 | - |
| oing-cough - - | 40·7 | 41 | 22 | 19 | - | - | - | - | - |
| neria - - | 39·5 | 27 | 4 | 12 | 11 | - | - | - | - |
| e Continued and efined Fever - | 0·5 | - | - | - | - | - | - | - | - |
| c Fever - - - | 7·8 | 7 | - | - | 1 | 6 | - | - | - |
| ea and Chol. Diarr. | 4·1 | - | - | - | - | - | - | - | - |
| œa, Dysentery - | 113·6 | 25 | 20 | 2 | - | - | 1 | 2 | - |
| tent Fever - - | 0·2 | - | - | - | - | - | - | - | - |
| phobia - - - | - | - | - | - | - | - | - | - | - |
| ers - - - - | 0·1 | - | - | - | - | - | - | - | - |
| ox and Effects of ination - - | 0·2 | - | - | - | - | - | - | - | - |
| eal Affections - - | 9·0 | 4 | 2 | - | - | - | - | - | 2 |
| elas - - - | 2·9 | 1 | - | - | - | - | 1 | - | - |
| ia and Septicæmia | 1·8 | 1 | - | - | - | - | 1 | - | - |
| eral Fever - - | 4·4 | - | - | - | - | - | - | - | - |
| Zymotic Diseases | 2·0 | 1 | - | 1 | - | - | - | - | - |
| n - - - - | 1·3 | - | - | - | - | - | - | - | - |
| s and other Parasitical Diseases - | 0·3 | - | - | - | - | - | - | - | - |
| tion, Want of st-milk - - | 2·3 | - | - | - | - | - | - | - | - |
| lism - - - | 9·3 | 8 | - | - | - | - | 6 | 2 | - |
| natic Fever, umatism of Heart | 4·8 | 4 | - | - | 1 | 2 | 1 | - | - |
| natism - - - | 1·5 | 3 | - | - | - | - | 1 | 2 | - |
| - - - - | 2·7 | 1 | - | - | - | - | 1 | - | - |
| s - - - - | 6·1 | 2 | 1 | 1 | - | - | - | - | - |
| - - - - | 70·5 | 95 | 2 | 1 | 2 | 4 | 44 | 40 | 2 |
| Mesenterica - - | 26·6 | 12 | 6 | 1 | 4 | - | 1 | - | - |
| ular Meningitis - | 26·9 | 29 | 9 | 12 | 6 | 1 | 1 | - | - |
| is - - - - | 132·9 | 150 | 1 | 7 | 8 | 73 | 54 | 6 | 1 |
| la, Tuberculosis - | 20·4 | 18 | 7 | 5 | 4 | - | 1 | - | 1 |
| Constitutional ases - - | 12·1 | 18 | 2 | - | 2 | 4 | 5 | 4 | 1 |
| ture Birth - - | 42·6 | 44 | 44 | - | - | - | - | - | - |
| tasis - - - | 4·2 | 1 | 1 | - | - | - | - | - | - |
| ital Malforma- - - - - | 6·8 | 8 | 7 | 1 | - | - | - | - | - |
| ge - - - - | 42·1 | 32 | - | - | - | - | 1 | 14 | 17 |
| exy - - - | 37·5 | 47 | - | 1 | 1 | 3 | 23 | 17 | 2 |
| sy - - - - | 7·8 | 5 | - | - | - | 3 | 2 | - | - |
| lsions - - - | 48·2 | 29 | 25 | 4 | - | - | - | - | - |
| Diseases of Brain Nervous System | 77·0 | 61 | 8 | 7 | - | 5 | 16 | 22 | 3 |
| es of Organs of ial Sense - | 2·2 | 4 | 2 | 2 | - | - | - | - | - |

| CAUSES OF DEATH | Corrected Averages for the 27th Week of the 10 years 1888-97*. | In the Week ending Saturday, 9th July 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 112·3 | 107 | 2 | - | 8 | 19 | 37 | 33 | 8 |
| Croup - - - | 4·7 | - | - | - | - | - | - | - | - |
| Bronchitis - - - | 80·8 | 71 | 22 | 9 | - | 1 | 11 | 21 | 7 |
| Pneumonia - - - | 77·8 | 69 | 23 | 18 | 2 | 4 | 8 | 13 | 1 |
| Pleurisy - - - - | 4·4 | 6 | 1 | 1 | - | 1 | - | 3 | - |
| Other Diseases of Respiratory System - | 16·9 | 14 | 5 | 3 | - | 1 | 3 | 2 | - |
| Dentition - - - - | 11·3 | 7 | 4 | 3 | - | - | - | - | - |
| Quinsy, Sore Throat - | 2·1 | 2 | 1 | - | - | 1 | - | - | - |
| Enteritis - - - - | 36·2 | 23 | 17 | 1 | - | - | 1 | 4 | - |
| Peritonitis - - - | 7·9 | 3 | - | - | - | - | 1 | 2 | - |
| Diseases of Liver - - | 27·6 | 25 | 2 | - | - | 3 | 11 | 8 | 1 |
| Other Diseases of Digestive System | 34·9 | 30 | 7 | 2 | 1 | 9 | 6 | 4 | 1 |
| Diseases of Lymphatic System & of Ductless Glands - - - | 2·2 | 2 | - | - | - | - | 1 | 1 | - |
| Diseases of Urinary System - - - | 33·5 | 38 | - | - | 2 | 8 | 16 | 11 | 1 |
| Diseases of Generative System - - - | 6·6 | 8 | - | - | - | 5 | 1 | 2 | - |
| Accidents of Childbirth - | 5·7 | 2 | - | - | - | 2 | - | - | - |
| Diseases of Locomotive System - - - | 6·0 | 5 | 1 | - | - | 3 | 1 | - | - |
| Diseases of Integumentary System - - | 5·9 | 7 | 1 | 1 | - | 1 | 2 | - | 2 |
| VIOLENT DEATHS‡ (ACCIDENT.) | | | | | | | | | |
| By Railways - - - | 53·4 | 2 | - | - | - | 1 | 1 | - | - |
| By Vehicles or Horses - | | 6 | - | 1 | 3 | - | 2 | - | - |
| In Ships, Boats, Docks, (exclusive of Drowning) - - - | | 1 | - | - | - | - | 1 | - | - |
| In Building Operations - | | 2 | - | - | - | - | 2 | - | - |
| In Conflagrations - - | | - | - | - | - | - | - | - | - |
| By Burns, Scalds, Explosions - - | | 4 | - | 1 | - | 2 | 1 | - | - |
| By Drowning - - - | | 9 | 1 | 1 | 2 | 1 | 3 | 1 | - |
| By Suffocation in Bed - | | 2 | 2 | - | - | - | - | - | - |
| By Poisons or Poisonous Vapours - - | | 2 | - | 1 | - | 1 | - | - | - |
| Other or not stated causes - - - | | 13 | 4 | - | 1 | 2 | 2 | 3 | 1 |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - | 0·8 | 2 | 1 | - | - | 1 | - | - | - |
| Suicide - - - - | 9·7 | 13 | - | - | - | 3 | 8 | 2 | - |
| Execution - - - | 0·1 | - | - | - | - | - | - | - | - |
| OTHER CAUSES - - | 60·1 | 38 | 37 | - | - | - | - | 1 | - |

e numbers in this column are the average weekly deaths for the ten years 1888-97, raised by 5·230 per cent. for increase pulation.

ly those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered al men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

e evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of ent, murder manslaughter or suicide All such cases are classed under "accident.'

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 9th July, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2502 | 1232 | 301 | 274 | – | 28 | 8 | 27 | 41 | – | 7 | – | 25 | 56 | 112 | 404 |
| WEST DISTRICTS - - - | 778,251 | 364 | 220 | 45 | 58 | – | 5 | – | 3 | 9 | – | – | – | 4 | 4 | 8 | 76 |
| NORTH DISTRICTS - - - | 1,040,694 | 563 | 254 | 55 | 50 | – | 5 | 4 | 9 | 4 | – | – | – | 5 | 13 | 27 | 70 |
| CENTRAL DISTRICTS - - - | 233,635 | 132 | 83 | 12 | 14 | – | 2 | – | 1 | 1 | – | – | – | 2 | 6 | 12 | 41 |
| EAST DISTRICTS - - - | 716,334 | 473 | 223 | 68 | 41 | – | 7 | – | 3 | 5 | – | 2 | – | 7 | 10 | 24 | 76 |
| SOUTH DISTRICTS - - - | 1,642,796 | 970 | 437 | 121 | 107 | – | 9 | 4 | 11 | 22 | – | 5 | – | 7 | 23 | 41 | 126 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | — | – | 15 | – | 4 | – | – | – | – | – | – | – | – | – | – | – | 15 |
| WEST DISTRICTS. | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 60 | 22 | 7 | 6 | – | – | – | 2 | 1 | – | – | – | – | – | – | 4 |
| St. John Paddington *H* - - G. | 33,510 | 11 | 16 | 1 | 5 | – | – | – | – | – | – | – | – | 1 | 1 | 1 | 8 |
| Kensington Town *Ww* - - W. | 122,164 | 50 | 50 | 13 | 13 | – | 1 | – | – | 5 | – | – | – | 2 | – | 2 | 16 |
| Brompton *HH*- - - W & C. | 48,301 | 9 | 8 | – | 5 | – | – | – | – | – | – | – | – | – | – | – | 1 |
| St. Peter Hammersmith - - W. | 9,097 | 5 | 3 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – |
| St. Paul Hammersmith *HH* W. & G. | 35,102 | 57 | 15 | 4 | 1 | – | 1 | – | – | 1 | – | – | – | – | – | – | 2 |
| Fulham *Ww* - - - W. & C. | 113,781 | 79 | 31 | 9 | 6 | – | 2 | – | 1 | 1 | – | – | – | 1 | – | – | 12 |
| Chelsea Kensal Town - C. | 21,450 | 8 | 5 | 2 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Chelsea North *WHHHHH* - C. | 42,057 | 18 | 12 | 3 | 5 | – | – | – | – | – | – | – | – | – | – | – | 6 |
| Chelsea South *HH* - - C. | 33,139 | 20 | 7 | 1 | 3 | – | – | – | – | 1 | – | – | – | – | – | – | 4 |
| May Fair *W* - - - - G. | 23,827 | 4 | 6 | – | 2 | – | 1 | – | – | – | – | – | – | – | – | – | 5 |
| Belgrave *WHHH* - - - C. | 56,140 | 13 | 17 | 2 | 3 | – | – | – | – | – | – | – | – | – | 2 | 2 | 7 |
| St. John Westminster *HH* - C. | 31,492 | 14 | 10 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | 1 | – |
| St. Margaret Westminster *H*- C. | 22,097 | 4 | 9 | 1 | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 | 6 |
| St. James Westminster *WHH* N. & G. | 23,050 | 9 | 7 | – | 5 | – | – | – | – | – | – | – | – | – | – | – | 4 |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 3 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | 1 |
| NORTH DISTRICTS. | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - - W. | 36,595 | 11 | 15 | 2 | 4 | – | – | – | – | – | – | – | – | – | 2 | 3 | 5 |
| Rectory Marylebone *W* G. & W. | 19,798 | 3 | 5 | 2 | – | – | – | 1 | – | 2 | – | – | – | – | – | – | – |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 29 | 4 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – | 1 |
| Christchurch Marylebone *H* - W | 32,547 | 12 | 6 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| St. John Marylebone *HHH* W. | 32,611 | 16 | 6 | 4 | 1 | – | 1 | – | – | – | – | – | – | 1 | – | – | – |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 28 | 20 | 1 | 4 | – | – | 3 | 3 | – | – | – | – | – | 1 | 1 | 10 |
| Regent's Park Pancras *HH* - W. | 37,341 | 17 | 10 | 3 | – | – | – | – | 1 | – | – | – | – | – | 1 | 1 | 1 |
| Tottenham-court *wHHHH* - N. & W. | 26,757 | 10 | 12 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | – | 9 |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 12 | 5 | 1 | 2 | – | – | – | – | – | – | – | – | – | 1 | 1 | 2 |
| Somers Town *HH* - - - N. | 32,161 | 22 | 8 | 2 | 1 | – | – | – | – | – | – | – | – | 2 | – | 2 | 1 |
| Camden Town *WH* - - N. | 16,669 | 18 | 10 | 3 | 2 | – | – | – | – | – | – | – | – | 1 | 1 | 1 | 5 |
| Kentish Town *WW* - - N. | 98,410 | 60 | 18 | 8 | 3 | – | – | – | – | – | – | – | – | – | – | – | 7 |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 54 | 29 | 6 | 6 | – | – | – | – | – | – | – | – | – | 1 | 2 | 14 |
| Islington South-west H - N. | 107,365 | 75 | 26 | 6 | 4 | – | 1 | – | – | 1 | – | – | – | – | 1 | 6 | – |
| Islington South-east - - N. | 66,549 | 28 | 16 | 5 | 2 | – | – | – | – | 1 | – | – | – | – | 1 | 3 | – |
| Highbury *HH* - - - N. | 64,577 | 28 | 9 | 1 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – |
| Stoke Newington *H* - N. | 33,485 | 23 | 7 | – | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| North Hackney - - E. & N. | 213,044 | 28 | 8 | – | 4 | – | – | – | – | – | – | – | – | – | 1 | 1 | – |
| Central Hackney *ww* - E. & N. | | 21 | 13 | 2 | 4 | – | – | – | 5 | – | – | – | – | 1 | – | 2 | 4 |
| South-west Hackney *HHH* E. & N. | | 34 | 11 | 2 | 2 | – | 1 | – | – | – | – | – | – | – | 1 | 1 | 2 |
| South-east Hackney *WwH* E.&N. | | 34 | 16 | 2 | 5 | – | 1 | – | – | – | – | – | – | – | 2 | 2 | 9 |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated there, namely: *W*—Worknouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers are received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. The Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River E. East London; and K. the Kent Company.

* See note * on second page of this Return.

LE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday, 9th July, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population. 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CENTRAL DISTRICTS. | | | | | | | | | | | | | | | | | | |
| George Bloomsbury - - N. | 16,110 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Giles South *WH* - - N. | 12,976 | 11 | 4 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 4 | – |
| Giles North *H* - - - N. | 9,151 | 3 | 4 | – | 2 | – | – | – | – | – | – | – | – | – | 1 | 2 | 2 | – |
| Martin-in-the-Fields *HH* N. & C. | 13,077 | 6 | 7 | – | 2 | – | – | – | – | – | – | – | – | – | – | 1 | 4 | – |
| and *WHH* - - - - N. | 11,839 | 2 | 7 | – | 2 | – | – | – | – | 1 | – | – | – | – | – | – | 6 | – |
| *and Union Workhouse, Edmonton* | †*1,037* | – | 3 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 3 | – |
| Iborn *wHHHHHH* - N. | 31,042 | 11 | 9 | 2 | – | – | – | – | – | – | – | – | – | – | – | 1 | 5 | – |
| James Clerkenwell - - N. | 15,777 | 13 | 7 | 2 | 2 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| well Clerkenwell - - N. | 34,356 | 16 | 7 | 1 | – | – | 2 | – | – | – | – | – | – | – | 1 | 1 | – | – |
| well-street - - - - N. | 16,069 | 6 | 4 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| y-road *HHHL* - - - N. | 29,897 | 37 | 8 | 1 | 1 | – | – | – | – | – | – | – | – | 1 | 1 | 1 | 3 | – |
| itecross-street - - - N. | 7,595 | 5 | 4 | 1 | 1 | – | – | – | – | – | – | – | – | 1 | – | 1 | – | – |
| sbury - - - - - N. | 4,035 | 6 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| *Iborn Union Workhouse, Hitcham* - - - - | †*892* | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Botolph *H* - - N. & E. | 6,870 | 4 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| pulegate - - - - N. | 3,299 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Sepulchre *WH* - - - N. | 9,591 | 4 | 16 | 2 | – | – | – | – | 1 | – | – | – | – | – | 2 | 2 | 14 | – |
| nallows Barking - - - N. | 9,059 | 2 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| ad Street *H* - - - N. | 2,892 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| *of London Asylum, Stone* - - | †*388* | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| EAST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| reditch South *Hl* - E. & N. | 17,975 | 11 | 5 | 3 | 1 | – | – | – | – | 2 | – | – | – | – | – | – | 1 | – |
| ton New Town *w* - - N. | 29,575 | 21 | 4 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| ton Old Town - - - N. | 27,645 | 20 | 7 | 6 | – | – | – | – | – | – | – | – | – | – | 1 | 3 | – | – |
| gerston *WH* - - N. & E. | 47,163 | 40 | 15 | 2 | 2 | – | – | – | 1 | – | – | – | – | – | – | 1 | 5 | – |
| nnal Green North *H* - E. | 49,301 | 30 | 10 | 5 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| nnal Green South - - E. | 34,194 | 19 | 5 | 1 | 1 | – | – | – | – | – | – | – | – | 1 | – | 1 | – | – |
| nnal Green East *WHl* - E. | 45,667 | 26 | 13 | 2 | 4 | – | 2 | – | – | – | – | – | – | – | – | – | 6 | – |
| alfields - - - E. & N. | 26,681 | 18 | 9 | 6 | – | – | 1 | – | – | – | – | – | – | 1 | – | – | – | – |
| e End New Town *W* - E. | 12,816 | 15 | 9 | 1 | 2 | – | – | – | – | – | – | 1 | – | – | – | – | 7 | – |
| itechapel Church *H* - E. & N. | 25,561 | 17 | 20 | 4 | 3 | – | – | – | – | – | – | – | – | – | 1 | 2 | 16 | – |
| dman's Fields - - - E. | 13,618 | 3 | 3 | 2 | – | – | 1 | – | – | – | – | – | – | – | 1 | 2 | – | – |
| George's North - - - E. | 39,576 | 35 | 5 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| John, St. George East *W* E. | 7,930 | 4 | 6 | 3 | 2 | – | – | – | – | – | – | – | – | 1 | 1 | 1 | 3 | – |
| dwell *H* - - - E. & N. | 10,434 | 5 | 13 | 8 | 2 | – | – | – | – | – | – | – | – | 3 | 1 | 1 | 8 | – |
| cliff *W* - - - - E. | 14,954 | 10 | 3 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| ehouse - - - - E. | 32,917 | 19 | 4 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| e End Old Town West *H* E. | 111,060 | 48 | 12 | 5 | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| e End Old Town East *Www* - E. | | 36 | 22 | 3 | 5 | – | – | – | – | 1 | – | 1 | – | – | 2 | 5 | 7 | – |
| *l* - - - - E. | 41,687 | 16 | 13 | 4 | 3 | – | 2 | – | – | – | – | – | – | 1 | – | – | 2 | – |
| nley *wwwH* - - - E. | 69,821 | 44 | 33 | 7 | 10 | – | 1 | – | 1 | 2 | – | – | – | – | 1 | 5 | 20 | – |
| lar *WW* - - - - E. | 57,759 | 36 | 12 | – | 3 | – | – | – | 1 | – | – | – | – | – | 2 | 3 | – | – |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 9th July, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WHL*.&S. | 13,064 | 4 | 2 | - | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - |
| St. Saviour Southwark - - S. | 12,301 | 8 | 7 | 3 | 1 | - | - | - | - | - | - | - | - | - | 1 | 3 | - |
| Kent-road - - - - S. & L. | 22,879 | 22 | 7 | 4 | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - |
| Borough-road *WH* - S. & L | 16,083 | 11 | 9 | 2 | - | - | - | - | - | 1 | - | 1 | - | - | 1 | 1 | 5 |
| London-road *HL* - - L. & S. | 21,316 | 12 | 7 | 3 | - | - | - | - | - | 2 | - | - | - | - | - | - | - |
| Trinity Newington - - S. & L. | 28,723 | 23 | 6 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Peter Walworth *W* - S. & L. | 62,045 | 30 | 17 | 6 | 3 | - | - | - | - | - | - | - | - | - | 2 | 3 | 3 |
| St. Mary Newington- - L. & S. | 30,171 | 25 | 7 | 4 | - | - | - | 1 | - | - | - | - | - | 1 | - | - | - |
| St. Olave *WH*- - - - S. | 11,731 | 8 | 13 | 3 | 4 | - | - | - | - | - | - | - | - | 1 | - | 2 | 11 |
| Leather Market *W* - S & L | 32,339 | 25 | 6 | 3 | 1 | - | - | - | - | 1 | - | - | - | 1 | - | - | 1 |
| St. James Bermondsey - - S. | 53,136 | 30 | 9 | 4 | 1 | - | 2 | - | - | 1 | - | - | - | 1 | - | - | - |
| Rotherhithe *WwH* - S & K. | 40,379 | 24 | 21 | 3 | 8 | - | - | - | - | 1 | - | - | - | - | - | - | 11 |
| Waterloo-road *HH* - L. & S. | 28,396 | 31 | 8 | 5 | 2 | - | 1 | - | - | - | - | - | - | 1 | 2 | 2 | - |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 9 | 10 | - | 1 | - | - | - | - | - | - | - | - | - | 4 | 4 | 8 |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 34 | 19 | 7 | 4 | - | - | - | - | - | - | - | - | 1 | 1 | 2 | 11 |
| Kennington 1st *H* - - S. & L. | 52,486 | 31 | 6 | 3 | 3 | - | - | - | - | 1 | - | - | - | - | 1 | 1 | - |
| Kennington 2nd - - S. & L. | 43,244 | 22 | 11 | 1 | 4 | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Brixton *w* - - - L. & S | 81,825 | 36 | 19 | 3 | 4 | - | 1 | - | - | 1 | - | 1 | - | - | - | 1 | 1 |
| Norwood *WH*- - - - L. | 29,318 | 9 | 7 | 2 | 3 | - | 1 | - | - | - | - | - | - | - | - | 1 | - |
| East Battersea - - - - S. | 71,730 | 51 | 17 | 6 | 5 | - | - | - | 1 | - | - | - | - | - | - | 1 | - |
| West Battersea *WwH* - - S | 93,385 | 55 | 23 | 10 | 4 | - | - | - | - | - | - | - | - | - | 2 | 3 | 5 |
| Clapham *H* - - - - S. | 46,953 | 17 | 10 | 1 | 1 | - | - | - | - | 3 | - | - | - | - | 1 | 1 | 1 |
| Wandsworth *WHHL* - - S. | 58,101 | 36 | 10 | 2 | 5 | - | - | - | - | 1 | - | - | - | - | 1 | 4 | 2 |
| Putney - - - - - S. | 20,566 | 17 | 8 | 2 | 4 | - | 1 | - | - | - | - | - | - | - | - | - | - |
| Streatham *Wwww*- - - L. | 61,644 | 33 | 14 | 3 | 4 | - | 2 | - | 2 | 1 | - | - | - | - | - | - | 2 |
| Dulwich - - - - L. & S. | 7,519 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Camberwell *Wwll* - S. & L. | 90,286 | 51 | 35 | 4 | 15 | - | - | - | - | 1 | - | - | - | - | - | - | 26 |
| Peckham *WW* - S., L., & K. | 88,242 | 38 | 13 | 5 | 4 | - | - | - | - | 1 | - | - | - | - | - | - | 1 |
| St. George Camberwell - L. & S. | 67,029 | 39 | 9 | 4 | 2 | - | - | - | - | 2 | - | - | - | - | - | 1 | - |
| Deptford North - - - K. | 36,152 | 17 | 5 | 2 | - | - | - | - | - | 1 | - | - | - | - | - | - | - |
| Deptford Central *w* - - K. | 45,441 | 29 | 16 | 4 | 1 | - | 1 | 2 | 4 | 1 | - | - | - | - | 1 | 2 | 6 |
| Deptford South - - - K. | 33,402 | 17 | 9 | 1 | 1 | - | - | - | - | - | - | - | - | - | 3 | 4 | - |
| Greenwich West *H* - - K. | 23,012 | 6 | 4 | - | 3 | - | - | - | - | - | - | - | - | - | - | - | - |
| Greenwich East *WH* - - K. | 37 767 | 26 | 20 | 1 | 7 | - | - | - | - | - | - | - | - | 1 | - | - | 14 |
| Eltham *wH* - - - - K. | 5,911 | 1 | 1 | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - |
| Lee *H* - - - - - K. | 24,222 | 8 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 |
| Lewisham *WwH* - - - K. | 38,139 | 31 | 13 | 4 | 2 | - | - | 1 | 2 | - | - | - | - | - | 1 | 1 | 8 |
| Sydenham *H* - - - - L. | 37,601 | 36 | 8 | 5 | 1 | - | - | - | - | - | - | - | - | - | 1 | 1 | 1 |
| Charlton *wHH* - - K. | 15,928 | 2 | 5 | 2 | 1 | - | - | - | 2 | - | - | 1 | - | - | - | - | 3 |
| Woolwich Dockyard - - K. | 9,355 | 12 | 5 | 1 | 1 | - | - | - | - | - | - | 1 | - | - | - | - | - |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 11 | 2 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| Plumstead West *H* - - K. | 16,714 | 9 | 4 | 3 | - | - | - | - | - | 2 | - | - | - | - | - | - | - |
| Plumstead East *WH* - - K. | 42,538 | 32 | 9 | 1 | 5 | - | - | - | - | - | - | - | - | - | - | 1 | 4 |
| Banstead Asylum - - - - | — | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 |
| Caterham Asylum - - - - | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Cane Hill Asylum - - - - | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Hospital Ships and Camp, Dartford | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Darenth Asylum - - - - | — | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 |
| Hanwell Asylum - - - - | — | - | 4 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 4 |
| Colney Hatch Asylum - | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| N.E. Hospital - - - - | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Winchmore Hill Hospital - - | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Leavesden Asylum - - - - | — | - | 3 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 3 |
| Claybury Asylum - - - - | — | - | 5 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | 5 |

BLE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 9th July, 1898.

| gis-tion rict ad ab-rict m-rs. | REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years & upwds. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LONDON—OUTER RING - | 363,749 | 1,422,063 | 979 | 420 | 99 | 108 | – | 15 | 1 | 10 | 15 | 4 | 5 | 51 | 67 | 51 | 3 |
| :1 | Carshalton *wHH* - - | 12,228 | 26,108 | 15 | 5 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Epsom, *part of** *WwHH* - | 10,423 | 12,508 | 5 | 5 | 1 | 2 | – | – | – | – | – | – | – | – | – | 2 | – |
| :1 | Godstone, *part of** *W* - | 2,754 | 1,598 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| :1 | Croydon *WwHHH* - - | 20,851 | 128,699 | 81 | 37 | 9 | 11 | – | 3 | – | – | – | – | – | – | 4 | 7 | – |
| 2 | Mitcham *w* - - - | 11,697 | 23,088 | 11 | 8 | 2 | 6 | – | – | – | – | – | – | – | – | 1 | – | – |
| :1 | Wimbledon *HHH* - - | 3,220 | 25,761 | 25 | 8 | 3 | 3 | – | – | – | – | 1 | – | – | 1 | 1 | – | – |
| 2 | Kingston *W* - - - | } 8,071 | { 33,566 | 15 | 11 | 3 | 2 | – | – | – | – | 1 | 1 | – | 1 | 1 | 2 | 1 |
| 3 | Surbiton *H*- - - - | | 11,199 | 3 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 4 | Esher, *part of** *HH* - - | 6,601 | 12,059 | 11 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 5 | Hampton *HL* - - - | 4,565 | 18,252 | 8 | 6 | 1 | 1 | – | – | – | – | 1 | – | – | – | – | – | – |
| :1 | Richmond *WH*- - - | 2,160 | 25,389 | 11 | 4 | – | 4 | – | – | – | – | – | – | – | – | – | 2 | – |
| 2 | Mortlake *H* - - - | 2,823 | 16,159 | 8 | 7 | 2 | 1 | – | – | – | – | 1 | – | – | 1 | 2 | – | – |
| :1 | Bromley *HHH* - - - | 9,127 | 23,815 | 18 | 4 | 2 | – | – | – | – | – | – | – | – | – | – | 1 | – |
| 2 | Beckenham *H* - - - | 6,542 | 21,969 | 10 | 2 | – | 2 | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 15 | 7 | 3 | 2 | – | 2 | – | – | – | – | – | – | – | 1 | – |
| :1 | Bexley *HHH* - - - | 12,540 | 30,590 | 20 | 14 | 3 | 4 | – | 2 | – | 1 | 1 | – | – | 1 | 1 | – | – |
| 2 | Dartford *WH*, *part of** - | — | — | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | 1 | – |
| :1 | Sunbury *w* - - - | 11,054 | 13,671 | 8 | 3 | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – |
| 2 | Staines *WH* - - - | 13,277 | 13,221 | 11 | 6 | – | 2 | – | – | – | – | – | – | – | – | – | 2 | 1 |
| :1 | Hillingdon *WHH* - - | 6,035 | 12,237 | 3 | 5 | – | – | – | – | – | 1 | – | – | – | – | – | 3 | – |
| 2 | Uxbridge - - - - | 12,757 | 7,253 | 3 | 2 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| 3 | Hayes *wH*- - - - | 7,952 | 11,051 | 8 | 2 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | 1 |
| :1 | Isleworth *WHH* - - | 6,967 | 26,004 | 14 | 12 | 3 | 4 | – | – | – | 1 | 1 | – | – | – | – | 3 | – |
| 2 | Twickenham *HH* - - | 2,415 | 16,027 | 11 | 6 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Brentford *HHH* - - | 4,318 | 37,777 | 17 | 8 | 1 | 1 | – | 1 | – | – | – | – | – | – | – | – | – |
| 4 | Chiswick - - - - | 1,245 | 21,963 | 24 | 7 | 3 | 2 | – | – | – | – | – | – | 1 | – | – | – | – |
| 5 | Acton *wH* - - - - | 6,132 | 30,945 | 26 | 12 | 8 | 2 | – | – | – | – | 2 | – | 2 | 1 | 1 | – | – |
| 1 | Harrow *HHH* - - - | 13,809 | 15,715 | 12 | 6 | – | 2 | – | 1 | – | – | – | – | – | 1 | 1 | 2 | – |
| 2 | Edgware *HH* - - - | 6,994 | 3,844 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Willesden *HHH* - - | 4,383 | 61,265 | 55 | 13 | 3 | 1 | – | 1 | – | 4 | 1 | – | – | 2 | 2 | 2 | – |
| 4 | Hendon *WH* - - - | 8,382 | 15,843 | 17 | 4 | – | 2 | – | – | – | – | – | – | – | – | – | 1 | – |
| 1 | South Mimms *HH* - - | } 21,077 | { 6,367 | 6 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Barnet *WHH* - - | | 14,152 | 8 | 2 | 1 | 1 | – | – | – | – | – | – | – | – | – | 1 | – |
| 3 | Finchley *HHH*- - - | 4,688 | 25,820 | 9 | 3 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Hornsey *HH* - - - | 3,039 | 61,097 | 35 | 17 | 1 | 6 | – | 1 | – | – | 2 | – | – | 1 | 2 | – | – |
| 2 | Tottenham *HH*- - - | 4,642 | 97,174 | 68 | 23 | 10 | 2 | – | – | – | – | 1 | 1 | – | 2 | 5 | – | – |
| 3 | Edmonton *Www* - - | 7,489 | 36,351 | 30 | 17 | 4 | 4 | – | – | – | – | – | – | – | 3 | 4 | 4 | – |
| 4 | Enfield *WWHH* - - | 12,602 | 31,536 | 16 | 5 | 2 | 1 | – | – | – | – | – | – | – | – | 1 | 1 | – |
| 5 | Waltham Abbey - - - | 11,017 | 6,066 | 2 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 6 | Cheshunt *H* - - - | 8,430 | 9,620 | 4 | 4 | 1 | 1 | – | – | – | – | – | – | 1 | – | – | – | – |
| 1 | Hatfield, *part of** *W* - - | 3,306 | 582 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Bushey *H* - - - - | 9,331 | 7,737 | 2 | 1 | – | 1 | – | – | – | – | – | – | – | 1 | 1 | – | – |
| 2 | Watford *WH*, *part of** - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Stratford *H* - - - | } 4,706 | { 38,612 | 26 | 9 | 2 | 2 | – | – | – | 1 | 1 | – | – | – | 1 | 1 | – |
| 2 | Plaistow *WHH*- - - | | 53,030 | 56 | 21 | 6 | 3 | – | – | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | – |
| 3 | Canning Town *H* - - | | 54,750 | 50 | 47 | 7 | 4 | – | – | – | 1 | – | – | – | 34 | 34 | – | – |
| 4 | Forest Gate *w* - - - | | 53,511 | 29 | 7 | 1 | 1 | – | – | – | – | – | – | – | – | 1 | 1 | – |
| 5 | East Ham *wH*- - - | 3,266 | 32,713 | 43 | 9 | 3 | 2 | – | 1 | – | – | – | – | – | – | – | – | – |
| 6 | Leyton *WWWwH* - - | 4,334 | 70,188 | 50 | 21 | 5 | 6 | – | 2 | – | – | – | – | – | – | 1 | 9 | – |
| 7 | Walthamstow *HHL*- - | 6,501 | 57,330 | 44 | 12 | 4 | 5 | – | – | – | – | – | 1 | – | – | 1 | – | – |
| 1 | Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 8 | 4 | – | 3 | – | – | – | – | – | – | – | – | – | 1 | – |
| 2 | Epping *WH*, *part of** - - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Romford, *part of** *WH* - | 6,556 | 4,324 | 4 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | 1 | – |
| 2 | Ilford - - - - - | 8,493 | 10,913 | 14 | 2 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Barking Town, *H* - - | 3,814 | 14,301 | 8 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| | Middlesex Co. Lunatic Asy., Wandsworth. | — | — | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 2 | – |

The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring as follows:—30: 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37: 1, the parishes of Warlingham Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst -district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in field sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping , 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for ctious Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford: and 187: 2. Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 9th July, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | ANNUAL RATE of MORTALITY per 1000 living. From All Causes. | From Diseases in Cols. 8-14. | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Deaths in Public |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. | 1 |
| **GREATER LONDON** | **443,421** | **6,408,321** | **13·4** | **1·5** | **1652** | **400** | **382** | **–** | **43** | **9** | **37** | **56** | **11** | **30** | **107** | **45** |
| INNER LONDON - | 74,672 | 4,504,766 | 14·3 | 1·6 | 1232 | 301 | 274 | – | 28 | 8 | 27 | 41 | 7 | 25 | 56 | 4 |
| OUTER RING - | 368,749 | 1,903,555 | 11·5 | 1·4 | 420 | 99 | 108 | – | 15 | 1 | 10 | 15 | 4 | 5 | 51 | |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent t the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

| CITIES | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. (Exclusive of Stillborn) | DEATHS. (Exclusive of Stillborn) | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM PRINCIPAL ZYMOTI DISEASES. Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 295,628 | July 9 | 179 | 116 | 20·5 | – | 1 | 2 | – | 2 | – | |
| GLASGOW - - | 724,349 | „ 9 | 485 | 289 | 20·8 | – | 14 | 2 | 1 | 18 | 1 | 1 |
| DUBLIN - - | 349,594 | „ 9 | 203 | 136 | 20·3 | – | – | 2 | – | 3 | 1 | |
| CALCUTTA - - | 466,460 | April 30 | – | 304 | 34·0 | 6 | – | – | – | – | 112 | |
| BOMBAY - - | 821,764 | June 14 | 174 | 481 | 30·4 | – | 3 | ? | ? | ? | 91‡ | 2 |
| MADRAS - - | 452,518 | May 27 | – | – | – | – | – | – | – | – | – | |
| PARIS - - - | 2,511,629 | July 2 | 1085 | 797 | 16·4 | 1 | 23 | 4 | 5* | 12 | 3 | 4 |
| BRUSSELS - - | 531,024 | „ 2 | 295 | 150 | 14·2 | – | 1 | 1 | 1* | 3 | 1 | 1 |
| AMSTERDAM - | 507,789 | June 25 | 279 | 151 | 15·5 | – | 2 | – | 2 | 5 | – | |
| ROTTERDAM - | 301,816 | „ 25 | 209 | 107 | 18·4 | – | 4 | – | – | 3 | – | |
| THE HAGUE - | 196,325 | „ 25 | 101 | 35 | 9·3 | – | – | – | – | 1 | – | – |
| COPENHAGEN - | 340,500 | „ 25 | 170 | 105 | 16·1 | – | – | 1 | – | 4 | – | |
| STOCKHOLM - | 274,611 | „ 25 | 124 | 100 | 18·3 | – | 3 | – | 2* | – | – | |
| CHRISTIANIA - | 192,141 | July 2 | 61 | 82 | 20·8 | – | 4 | 1 | – | – | – | |
| ST. PETERSBURG | 954,400 | June 25 | 703 | 632 | 34·5 | 3 | 9 | 20 | 24 | 5 | 16 | 11 |
| MOSCOW - - | 988,610 | „ 25 | – | 854 | 45·0 | 4 | 8 | 16 | 4 | 5 | 5 | 40 |
| BERLIN - - | 1,753,775 | „ 18 | 854 | 580 | 17·1 | – | 16 | 3 | 10 | 11 | – | 4 |
| HAMBURG - - | 661,015 | July 2 | – | 207 | 16·3 | – | 15 | 1 | 2* | 1 | – | |
| DRESDEN - - | 377,500 | May 21 | 247 | 136 | 18·6 | – | 1 | – | 2* | 2 | 1 | |
| BRESLAU - - | 392,795 | July 2 | – | 221 | 29·3 | – | 6 | 4 | 1 | 3 | 2 | 4 |
| MUNICH - - | 430,000 | „ 2 | – | 212 | 25·6 | – | 2 | – | 4* | 1 | – | 5 |
| VIENNA - - | 1,574,129 | „ 2 | 952 | 629 | 20·6 | – | 28 | – | 2* | 2 | 3 | 9 |
| PRAGUE - - | 377,109 | „ 2 | 229 | 166 | 22·6 | – | 5 | 5 | 4 | – | 1 | |
| BUDA-PESTH - | 648,104 | June 25 | 445 | 255 | 20·5 | – | 2 | 7 | 2 | – | – | 3 |
| TRIESTE - - | 164,491 | „ 25 | 104 | 77 | 24·2 | – | – | 1 | – | – | 1 | |
| ROME - - - | 489,965 | „ 4 | 174 | 122 | 13·0 | – | 3 | – | – | 1 | 1§ | |
| TURIN (10 days) | 344,203 | May 20 | 192 | 176 | 18·7 | – | 6 | – | 1 | 2 | 2 | |
| VENICE - - | 167,074 | June 18 | 79 | 62 | 19·3 | – | – | – | 1* | 2 | – | 1 |
| CAIRO - - | 570,062 | April 15 | 366 | 315 | 28·7 | – | 7 | – | 2* | 1 | 20 | 5 |
| ALEXANDRIA - | 319,766 | „ 15 | 196 | 189 | 30·7 | 8 | – | – | 1* | – | 5 | 8 |
| NEW YORK (including BROOKLYN) | 3,433,899 | June 25 | – | – | – | – | – | – | – | – | – | |
| PHILADELPHIA - | 1,240,266 | „ 25 | – | 387 | 16·3 | – | 3 | 1 | 15 | 3 | 7 | 3 |

* Including deaths from croup.
† Including 18 deaths from cholera.
‡ Including 26 deaths from bubonic fever.
§ Malarial fever.

| 1898. Month and Day. | Phases of the Moon. | Mean daily reading (corrected and reduced to 32° Fahrenheit). | Of the Air. High-est. | Low-est | Daily Range. | Mean daily value. | Departure from Average of 50 years. | Of the Dew point. Mean daily value. | the Air Temperature and Dew Point Temperature. Mean daily value. | Great-est. | Least. | Degree of Humidity (Saturation equals 100). | Of Radiation. Highest in Sun's Rays. | Lowest on the Grass. | Of the Earth 3 feet below the Surface. | Osler's. General Direction. A.M. | P.M. | Pressure on the Square Foot. Great-est. | Least. | Mean of 24 hourly obs. | Robinson's. Horizontal Movement of the Air on each Day. | Departure from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JULY | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| SUNDAY - 3 | Perigee Full | 29·826 | 70·8 | 49·2 | 21·6 | 58·7 | − 3·0 | 45·8 | 12·9 | 23·9 | 0·2 | 62 | 121·2 | 46·0 | 58·60 | WSW. & W. | W., WNW. & NW. | 2·7 | 0·0 | 0·3 | 322 | + 72 | 0·00 | 0·8 |
| MONDAY - 4 | .. | 29·965 | 68·0 | 50·6 | 17·4 | 57·2 | − 4·7 | 48·0 | 9·2 | 18·2 | 3·6 | 71 | 133·2 | 46·9 | 58·71 | NNW. & N. | N., NW. & SSE. | 2·9 | 0·0 | 0·3 | 283 | + 35 | 0·00 | 0·0 |
| TUESDAY - 5 | .. | 30·109 | 69·3 | 47·0 | 22·3 | 58·4 | − 3·7 | 48·1 | 10·3 | 20·2 | 1·3 | 69 | 112·0 | 43·0 | 58·80 | Calm & Variable. | NW., NNW. & N. | 1·7 | 0·0 | 0·1 | 171 | − 74 | 0·00 | 0·0 |
| WEDNESDAY 6 | .. | 30·107 | 76·2 | 57·8 | 18·4 | 65·3 | + 3·1 | 55·7 | 9·6 | 17·3 | 5·3 | 71 | 128·0 | 55·6 | 58·79 | N., NW. & W. | NNW. & N. | 1·8 | 0·0 | 0·1 | 238 | − 4 | 0·00 | 0·0 |
| THURSDAY- 7 | .. | 30·029 | 74·8 | 56·0 | 18·8 | 65·1 | + 3·0 | 55·6 | 9·5 | 16·7 | 1·0 | 71 | 115·0 | 50·5 | 58·26 | WSW., W. & WNW | WNW., NW. & NNW. | 3·0 | 0·0 | 0·2 | 258 | + 19 | 0·00 | 0·0 |
| FRIDAY - 8 | In Equator | 30·041 | 69·4 | 52·9 | 16·5 | 60·0 | − 2·0 | 52·1 | 7·9 | 14·2 | 2·4 | 75 | 118·6 | 46·7 | 59·20 | NNW. & N. | NE. & NNE. | 1·7 | 0·0 | 0·1 | 243 | + 6 | 0·00 | 0·0 |
| SATURDAY- 9 | .. | 30·118 | 62·0 | 50·8 | 11·2 | 55·5 | − 6·5 | 48·3 | 7·2 | 11·6 | 3·2 | 77 | 91·0 | 45·1 | 59·20 | N. | N. & NNE. | 1·5 | 0·0 | 0·2 | 269 | + 26 | 0·00 | 0·0 |
| MEANS - - | | 30·028 | 70·1 | 52·0 | 18·0 | 60·0 | − 2·0 | 50·5 | 9·5 | 17·4 | 2·4 | 71 | 117·0 | 47·7 | 58·89 | W. & N. | | .. | .. | .. | Sum 1775 | Sum + 80 | Sum 0·00 | 0·1 |
| No. of Column - | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| DATE. JULY | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | GENERAL REMARKS. |
|---|---|---|---|---|
| SUNDAY - 3 | w. P. till 8h. P.M.; m. P. afterwards. | 11·5 | 16·5 | Fine; partially cloudy. |
| MONDAY - 4 | m. P. generally - | 10·7 | 16·5 | Fine; partially cloudy. Cloudless in evening. |
| TUESDAY - 5 | m. P. generally - | 2·8 | 16·4 | Overcast with slight fog in morning; fine with large amounts of cloud till evening; overcast afterwards. |
| WEDNESDAY 6 | m. P. throughout - | 3·1 | 16·4 | Generally cloudy. A warm day. |
| THURSDAY- 7 | w. P. generally - | 4·7 | 16·4 | Fine and partially cloudy till 7h. P.M.; cloudless afterwards. Warm. |
| FRIDAY - 8 | m. P. throughout - | 7·3 | 16·3 | Cloudless in morning; partially cloudy till 11h. A.M.; overcast till 4h. P.M.; very fine afterwards. |
| SATURDAY- 9 | m. P. throughout - | 0·3 | 16·3 | Generally overcast. A cold day. |
| | | Sum 40·4 | Sum 114·8 | |
| No. of Col. - - | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased from 29·85 in. at the beginning of the week to 29·80 in. by 7h. P.M. on the 3rd; increased to 30·13 in. by 11h. P.M. on the 5th; decreased to 29·99 in. by 6h. P.M. on the 7th; and increased to 30·14 in. by the end of the week.

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1898

OFFICIAL COPY.

# WEEKLY RETURN
OF
# BIRTHS AND DEATHS IN LONDON
AND IN
# THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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No. 28. 1898. Vol. LIX.] Week ending Saturday, July 16. [Price 1½*d*.

*General Register Office, Somerset House,*
*July 18th*, 1898.

## Thirty-three Great Towns.

The deaths registered last week in Thirty-three Great Towns of England and Wales corresponded to an annual rate of 14·7 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000 :—

| Towns. | Weeks ending | | | | Towns. | Weeks ending | | | |
|---|---|---|---|---|---|---|---|---|---|
| | June 25. | July 2. | July 9. | July 16. | | June 25. | July 2. | July 9. | July 16. |
| **33 Great Towns** | 15·1 | 14·9 | 14·7 | 14·7 | Leicester - - | 12·5 | 11·7 | 14·2 | 12·0 |
| Birkenhead - | 16·6 | 11·5 | 11·5 | 14·3 | Liverpool - - | 17·4 | 18·4 | 17·3 | 18·8 |
| Birmingham - | 16·2 | 15·0 | 15·1 | 12·9 | London - - - | 14·5 | 14·5 | 14·3 | 14·1 |
| Blackburn - | 13·3 | 16·0 | 13·3 | 9·0 | Manchester - - | 19·9 | 17·0 | 17·0 | 19·0 |
| Bolton - - | 14·5 | 13·2 | 14·0 | 22·6 | Newcastle-on-Tyne | 24·3 | 20·8 | 20·3 | 22·9 |
| Bradford - | 14·1 | 12·5 | 14·1 | 14·7 | Norwich - - | 10·3 | 10·3 | 13·5 | 14·0 |
| Brighton - | 11·1 | 11·1 | 10·2 | 11·5 | Nottingham - - | 12·1 | 14·6 | 11·5 | 13·7 |
| Bristol - | 13·7 | 12·2 | 12·3 | 12·2 | Oldham - - | 16·2 | 14·4 | 13·7 | 10·5 |
| Burnley - | 11 4 | 12·9 | 10·9 | 14·3 | Plymouth - - | 20·0 | 17·4 | 17·9 | 16·8 |
| Cardiff - - | 12·9 | 10·6 | 9·4 | 14·7 | Portsmouth - - | 12·9 | 14·0 | 11·5 | 8·7 |
| Croydon - | 10·9 | 10·9 | 12.6 | 9·2 | Preston - - | 13·0 | 9·0 | 12·5 | 15·2 |
| Derby - - | 12·9 | 15·4 | 11·9 | 9·5 | Salford - - - | 18·4 | 18·4 | 17·2 | 19·3 |
| Gateshead - | 16·6 | 18·6 | 18·1 | 12·6 | Sheffield - - | 15·7 | 17·0 | 16·1 | 17·6 |
| Halifax - | 14·6 | 12·9 | 14·0 | 15·6 | Sunderland - - | 21·4 | 22·8 | 21·4 | 18·1 |
| Huddersfield- | 11·7 | 11·2 | 9·7 | 13·7 | Swansea - - | 16·9 | 14·3 | 15·3 | 16·4 |
| Hull - - | 14·5 | 15·2 | 14·3 | 12·9 | West Ham - - | 9·6 | 12·6 | 16·6 | 12·7 |
| Leeds - - | 16·1 | 15·6 | 16·8 | 14·5 | Wolverhampton - | 13·6 | 19·0 | 11·3 | 17·2 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were :—from *measles*, 1·4 in Norwich, 1·5 in Gateshead, 1·6 in Newcastle-on-Tyne, and 2·1 in Plymouth ; from *whooping-cough*, 1·1 in West Ham, 1·2 in Salford, and 1·5 in Gateshead ; and from *diarrhœa*, 1·0 in Leicester, 1·2 in Wolverhampton, 1·4 in Birkenhead and in Burnley, and 2·1 in Plymouth. In no case did the death-rate from *scarlet fever* or from "*fever*" reach 1·0 per 1000 in any of the thirty-three towns. The 54 deaths from *diphtheria* included 39 in London, 4 in Cardiff, and 3 in Leeds. No death from *small-pox* was registered in any of the thirty-three towns.

## London.

In London† 2502 births and 1214 deaths were registered. Allowing for increase of population, the births were 140, and the deaths 412, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 14·5, 14·5, and 14·3 in the preceding three weeks, further fell last week to 14·1.

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

During the four weeks ending on Saturday last the death-rate averaged 14·4 per 1000, being 3·1 per 1000 below the mean rate in the corresponding periods of the ten years 1888–97.

The 1214 deaths included 23 from measles, 8 from scarlet fever, 39 from diphtheria, 40 from whooping-cough, 4 from enteric fever, 52 from diarrhœa and dysentery, 3 from cholera and choleraic diarrhœa, and not one death from small-pox, from typhus, or from any ill-defined form of continued fever; thus, 169 deaths were referred to these diseases, being 178 below the corrected average weekly number.

The deaths from *measles*, which had been 43, 48, and 28 in the preceding three weeks, further fell last week to 23, and were 33 below the corrected average. The deaths from *scarlet fever*, which had been 8, 12, and 8 in the preceding three weeks, were again 8 last week, and were 10 below the corrected average. The deaths from *diphtheria*, which had been 21, 29, and 27 in the preceding three weeks, rose again last week to 39, and were equal to the corrected average; 7 cases belonged to Lambeth, 3 to Paddington, 3 to Hammersmith, and 3 to Poplar sanitary areas. The deaths from *whooping-cough*, which had been 39, 42, and 41 in the preceding three weeks, further fell last week to 40, the corrected average being 41; 5 cases belonged to Lambeth, 4 to St. Pancras, and 4 to Islington sanitary areas. The fatal cases of *enteric fever*, which had been 4, 10, and 7 in the preceding three weeks, further fell last week to 4, and were 6 below the corrected average. The deaths from *diarrhœa*, which had been 17, 22, and 25 in the preceding three weeks, further rose last week to 52, but were 123 below the corrected average. Of the 52 deaths from diarrhœa, 47 were of children under 5 years of age; 17 more deaths at this age-period were described as due to *gastro-enteritis*, and are included under Enteritis in Table 4. The deaths referred to diseases of the respiratory organs, which had been 171, 162, and 160 in the preceding three weeks, rose again last week to 175, but were 9 below the corrected average. The deaths attributed directly to *influenza* numbered 8, having been 9, 3, and 5 in the preceding three weeks.

Different forms of violence caused 55 deaths, concerning all of which inquests were held. Of these 55 deaths, 7 were cases of suicide, while the remaining 48 were attributed to accident or negligence. Six of these were referred to vehicles in the streets, 8 to drowning, and 4 (of infants under one year of age) to suffocation in bed.

### Cases of Infectious Sickness in Hospitals.*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2314 cases of scarlet fever, 1033 of diphtheria, and 68 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 265 cases, against 231, 204, and 237; of diphtheria, 156 cases, against 126, 120, and 155; and of enteric fever, 12 cases, against 12, 8, and 15.

### Greater London.

In Greater London 3490 births and 1587 deaths were registered, corresponding to annual rates of 28·4 and 12·9 per 1000 of the estimated population. In the Outer Ring 11 deaths from measles, 2 from scarlet fever, 9 from diphtheria, 12 from whooping-cough, 2 from "fever," and 14 from diarrhœa were registered. Six deaths from measles and 6 from whooping-cough occurred in West Ham district; 3 deaths from diphtheria occurred in Richmond district and 3 in Hendon district.

### Meteorology.

The mean reading of the Barometer last week at Greenwich was 29·98 inches, and that of the Thermometer 61°·2, the latter being 0°·8 below the week's average in the 50 years 1841–90. The direction of the wind was variable, the horizontal movement of the air being 1 per cent. below the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 52·0 hours; the measured rainfall amounted to 0·02 of an inch

* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Registered during the Week ending 16th July 1898. Births. | Deaths. | The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Annual Rate per 1000, corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6-12. | Temperature of the Air. Highest. Fahrenheit. | Lowest. Fahrenheit. | Mean. Fahrenheit. | Centigrade. | Rainfall. In Inches. | In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18 | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| **33 Towns** - | **11,218,378** | **6411** | **3159** | **793** | **717** | **-** | **79** | **24** | **54** | **83** | **16** | **122** | **148** | **283** | **715** | **29** | **14·7** | **1·8** | **82·0** | **41·2** | **59·1** | **15·06** | **0·02** | **0·05** | **33 Towns.** |
| London - - | 4,504,766 | 2502 | 1214 | 305 | 275 | - | 23 | 8 | 39 | 40 | 4 | 52 | 55 | 119 | 367 | 6 | 14·1 | 1·9 | 82·0 | 46·5 | 61·9 | 16·61 | 0·02 | 0·05 | London. |
| West Ham - - | 286,654 | 160 | 70 | 21 | 12 | - | 5 | - | - | 6 | 1 | 3 | 2 | 2 | 6 | - | 12·7 | 2·7 | - | - | - | - | - | - | West Ham. |
| Croydon - - | 124,421 | 59 | 22 | 3 | 5 | - | - | - | - | - | - | - | 1 | 2 | 3 | - | 9·2 | - | 80·5 | 41·5 | 59·6 | 15·33 | 0·00 | 0·00 | Croydon. |
| Brighton - - | 122,310 | 60 | 27 | 5 | 6 | - | - | - | - | - | - | 1 | 2 | 3 | 3 | 1 | 11·5 | 0·4 | 76·2 | 46·8 | 59·3 | 15·17 | 0·02 | 0·05 | Brighton. |
| Portsmouth - | 186,618 | 85 | 31 | 8 | 11 | - | 1 | 1 | - | - | 1 | 2 | 2 | 4 | 4 | - | 8·7 | 1·4 | 81·5 | 47·0 | 60·3 | 15·72 | 0·04 | 0·10 | Portsmouth. |
| Plymouth - - | 99,136 | 67 | 32 | 6 | 9 | - | 4 | - | - | 1 | - | 4 | - | - | 6 | - | 16·8 | 4·7 | - | - | - | - | - | - | Plymouth. |
| Bristol - - | 316,900 | 171 | 74 | 23 | 17 | - | 1 | 1 | - | 3 | - | 3 | 4 | 10 | 14 | 1 | 12·2 | 1·3 | 76·0 | 45·0 | 59·5 | 15·28 | 0·00 | 0·00 | Bristol. |
| Cardiff - - | 177,770 | 84 | 50 | 12 | 8 | - | 1 | - | 4 | - | - | - | 4 | 5 | 6 | - | 14·7 | 1·5 | - | - | - | - | - | - | Cardiff. |
| Swansea - - | 102,001 | 48 | 32 | 9 | 5 | - | - | 1 | 2 | - | - | - | 1 | 3 | 4 | 1 | 16·4 | 1·5 | - | - | - | - | - | - | Swansea. |
| Wolverhampton | 88,051 | 58 | 29 | 8 | 7 | - | - | - | 1 | 1 | - | 2 | - | - | 1 | 1 | 17·2 | 2·4 | 76·0 | 41·8 | 57·8 | 14·33 | 0·00 | 0·00 | Wolverhampton. |
| Birmingham - | 510,343 | 319 | 126 | 41 | 28 | - | 4 | - | 2 | - | 1 | 7 | 8 | 10 | 23 | 3 | 12·9 | 1·4 | - | - | - | - | - | - | Birmingham. |
| Norwich - - | 111,699 | 61 | 30 | 6 | 8 | - | 3 | - | - | - | - | - | 1 | 3 | 3 | - | 14·0 | 1·4 | 75·8 | 41·2 | 57·0 | 13·89 | 0·11 | 0·28 | Norwich. |
| Leicester - - | 208,662 | 109 | 48 | 19 | 8 | - | - | 1 | - | 1 | - | 4 | 1 | 4 | 7 | - | 12·0 | 1·5 | - | - | - | - | - | - | Leicester. |
| Nottingham - | 236,137 | 128 | 62 | 12 | 15 | - | 1 | - | - | - | - | 2 | 3 | 3 | 9 | - | 13·7 | 0·7 | 78·0 | 42·5 | 58·0 | 14·44 | 0·00 | 0·00 | Nottingham. |
| Derby - - - | 104,834 | 71 | 19 | 2 | 9 | - | 1 | - | - | - | - | - | 2 | 6 | 3 | - | 9·5 | 0·5 | - | - | - | - | - | - | Derby. |
| Birkenhead - | 113,189 | 60 | 31 | 15 | 5 | - | - | 2 | 1 | - | - | 3 | - | 3 | 3 | - | 14·3 | 2·8 | - | - | - | - | - | - | Birkenhead. |
| Liverpool - - | 633,645 | 416 | 228 | 54 | 42 | - | 8 | 3 | 1 | 2 | 2 | 6 | 16 | 19 | 62 | 9 | 18·8 | 1·8 | 67·4 | 49·6 | 57·3 | 14·06 | 0·00 | 0·00 | Liverpool. |
| Bolton - - | 122,495 | 76 | 53 | 8 | 14 | - | - | - | - | 1 | 1 | 2 | 2 | 6 | 10 | 1 | 22·6 | 1·7 | - | - | - | - | - | - | Bolton. |
| Manchester - | 539,079 | 339 | 196 | 46 | 34 | - | 7 | 1 | - | 4 | 2 | 8 | 9 | 16 | 47 | - | 19·0 | 2·1 | - | - | - | - | - | - | Manchester. |
| Salford - - | 215,702 | 144 | 80 | 15 | 31 | - | 2 | 1 | 1 | 5 | 1 | 3 | 3 | 7 | 17 | - | 19·3 | 3·1 | - | - | - | - | - | - | Salford. |
| Oldham - - | 148,288 | 73 | 30 | 5 | 7 | - | - | - | - | 2 | - | - | 2 | 2 | 5 | - | 10·5 | 0·7 | - | - | - | - | - | - | Oldham. |
| Burnley - - | 109,546 | 50 | 30 | 10 | 6 | - | - | - | - | - | 1 | 3 | 3 | 4 | 4 | 1 | 14·3 | 1·9 | - | - | - | - | - | - | Burnley. |
| Blackburn - - | 133,228 | 61 | 23 | 5 | 4 | - | - | - | - | - | - | - | - | 1 | 2 | - | 9·0 | - | - | - | - | - | - | - | Blackburn. |
| Preston - - | 116,356 | 79 | 34 | 10 | 8 | - | - | - | - | 1 | - | 1 | 3 | 4 | 6 | 1 | 15·2 | 0·9 | - | - | - | - | - | - | Preston. |
| Huddersfield - | 102,454 | 42 | 27 | 2 | 10 | - | - | - | - | - | - | 1 | 2 | 2 | 5 | - | 13·7 | 0·5 | 74·2 | 47·0 | 58·0 | 14·44 | 0·00 | 0·00 | Huddersfield. |
| Halifax - - | 96,729 | 50 | 29 | 1 | 13 | - | - | - | - | - | - | 1 | 1 | 2 | 8 | 2 | 15·6 | 0·5 | - | - | - | - | - | - | Halifax. |
| Bradford - - | 233,737 | 113 | 66 | 9 | 14 | - | 3 | - | - | 3 | 2 | 1 | 3 | 6 | 9 | - | 14·7 | 2·0 | 81·2 | 50·1 | 61·2 | 16·22 | 0·00 | 0·00 | Bradford. |
| Leeds - - - | 416,618 | 261 | 116 | 32 | 28 | - | 2 | 4 | 3 | 1 | - | 4 | 7 | 14 | 25 | - | 14·5 | 1·8 | - | - | - | - | - | - | Leeds. |
| Sheffield - - | 356,478 | 220 | 120 | 34 | 28 | - | 2 | - | - | 5 | - | 4 | 2 | 5 | 16 | 1 | 17·6 | 1·6 | - | - | - | - | - | - | Sheffield. |
| Hull - - - | 229,887 | 137 | 57 | 19 | 16 | - | 1 | 1 | - | 1 | - | 1 | 1 | 4 | 10 | - | 12·9 | 0·9 | - | - | - | - | - | - | Hull. |
| Sunderland - | 143,849 | 96 | 50 | 14 | 13 | - | - | - | - | - | - | 1 | 2 | 3 | 7 | 1 | 18·1 | 0·4 | - | - | - | - | - | - | Sunderland. |
| Gateshead - - | 103,775 | 64 | 25 | 12 | 1 | - | 3 | - | - | 3 | - | - | - | 1 | - | - | 12·6 | 3·0 | - | - | - | - | - | - | Gateshead. |
| Newcastle - - | 223,021 | 148 | 98 | 22 | 20 | - | 7 | - | - | 3 | - | 3 | 6 | 10 | 20 | - | 22·9 | 3·0 | - | - | - | - | - | - | Newcastle. |

* See note * on first page of this return.

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the TWENTY-EIGHTH Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2520 | 2306 | 2472 | 2488 | 2545 | 2607 | 2371 | 2586 | 2634 | 2579 | 2642·1 | 2502 |
| Males - - | 1280 | 1186 | 1281 | 1263 | 1263 | 1339 | 1207 | 1345 | 1353 | 1308 | 1349·6 | 1255 |
| Females - | 1240 | 1120 | 1191 | 1225 | 1282 | 1268 | 1164 | 1241 | 1281 | 1271 | 1292·5 | 1247 |
| TOTAL **Deaths** - | 1288 | 1605 | 1471 | 1373 | 1546 | 1887 | 1356 | 1768 | 1770 | 1391 | 1626·3 | 1214 |
| Males - - | 660 | 839 | 747 | 748 | 814 | 1006 | 715 | 921 | 912 | 695 | 847·8 | 649 |
| Females - - | 628 | 766 | 724 | 625 | 732 | 881 | 641 | 847 | 858 | 696 | 778·5 | 565 |

* The numbers in this column are the average weekly numbers in the twenty-eighth week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | Apr. 23. | Apr. 30. | May 7. | May 14. | May 21. | May 28. | June 4. | June 11. | June 18. | June 25. | July 2. | July 9. | July 16. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** - - - | 2769 | 2522 | 2449 | 2425 | 2285 | 2569 | 2199 | 2646 | 2532 | 2385 | 2475 | 2502 | 2502 |
| TOTAL **Deaths** - - - | 1546 | 1485 | 1464 | 1356 | 1360 | 1385 | 1392 | 1411 | 1193 | 1257 | 1256 | 1232 | 1214 |
| Ages at Death: Under 1 year - - | 336 | 346 | 297 | 288 | 322 | 339 | 259 | 294 | 276 | 306 | 305 | 301 | 305 |
| 1—5 years - - | 283 | 265 | 272 | 206 | 215 | 202 | 225 | 200 | 155 | 167 | 173 | 142 | 157 |
| 5—20 " - - | 88 | 80 | 60 | 71 | 86 | 83 | 94 | 83 | 68 | 74 | 86 | 63 | 78 |
| 20—40 " - - | 194 | 181 | 198 | 200 | 176 | 167 | 173 | 192 | 170 | 187 | 181 | 171 | 179 |
| 40—60 " - - | 300 | 283 | 276 | 268 | 271 | 246 | 281 | 288 | 259 | 244 | 248 | 281 | 220 |
| 60—80 " - - | 272 | 274 | 309 | 259 | 247 | 293 | 294 | 302 | 225 | 228 | 227 | 223 | 220 |
| 80 years and upwards | 73 | 56 | 52 | 64 | 43 | 55 | 66 | 52 | 40 | 51 | 36 | 51 | 55 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox - - - - - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Measles - - - - - | 131 | 107 | 99 | 76 | 82 | 74 | 68 | 74 | 50 | 43 | 48 | 28 | 23 |
| Scarlet Fever - - - | 10 | 13 | 10 | 11 | 16 | 6 | 17 | 10 | 10 | 8 | 12 | 8 | 8 |
| Diphtheria - - - - | 31 | 39 | 27 | 20 | 31 | 27 | 30 | 23 | 23 | 21 | 29 | 27 | 39 |
| Whooping-cough - - - | 53 | 70 | 52 | 48 | 47 | 59 | 45 | 51 | 44 | 39 | 42 | 41 | 40 |
| Typhus - - - - - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Enteric Fever - - - | 5 | 7 | 5 | 7 | 1 | 6 | 3 | 4 | 4 | 4 | 10 | 7 | 4 |
| Simple Continued Fever - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| Diarrhœa and Dysentery .. | 10 | 10 | 13 | 8 | 16 | 10 | 17 | 22 | 12 | 17 | 22 | 25 | 52 |
| Cholera - - - - - - | - | - | - | - | - | - | - | - | - | - | - | - | 3 |
| All the above Diseases - | 241 | 246 | 206 | 170 | 193 | 182 | 180 | 184 | 146 | 132 | 163 | 136 | 169 |
| Dis. of Respiratory System - | 283 | 274 | 226 | 232 | 177 | 216 | 226 | 212 | 185 | 171 | 162 | 160 | 175 |
| Phthisis - - - - - | 154 | 153 | 158 | 168 | 159 | 134 | 126 | 156 | 134 | 140 | 149 | 150 | 126 |
| Dis. of Circulatory System - | 129 | 131 | 116 | 114 | 141 | 120 | 141 | 124 | 87 | 92 | 111 | 107 | 91 |
| Violence - - - - | 54 | 61 | 61 | 58 | 65 | 63 | 77 | 88 | 53 | 71 | 56 | 56 | 55 |
| Inquest Cases - - - - | 123 | 142 | 130 | 122 | 108 | 154 | 150 | 166 | 106 | 112 | 126 | 112 | 119 |
| Deaths in Public Institutions - | 472 | 447 | 440 | 431 | 449 | 438 | 451 | 430 | 395 | 418 | 397 | 404 | 367 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean - - - - - - | 46°·4 | 48°·3 | 51°·9 | 50°·7 | 49°·0 | 54°·7 | 51°·9 | 60°·2 | 55°·2 | 60°·5 | 59°·3 | 60°·0 | 61°·9 |
| Mean of Highest readings - | 56·8 | 57·5 | 59·9 | 59·0 | 56·7 | 64·8 | 61·2 | 70·6 | 63·5 | 70·5 | 69·3 | 70·1 | 73·4 |
| Mean of Lowest readings - | 37·6 | 40·4 | 44·8 | 44·7 | 42·8 | 46·7 | 44·6 | 50·8 | 48·3 | 53·1 | 51·6 | 52·0 | 50·9 |
| Humidity of the Air - - | 73 | 81 | 75 | 76 | 82 | 76 | 76 | 78 | 76 | 74 | 75 | 71 | 68 |
| Rain-fall (in inches) - - | 0·00 | 0·49 | 0·58 | 0·54 | 0·78 | 0·40 | 0·61 | 0·32 | 0·01 | 0·47 | 0·84 | 0·00 | 0·02 |
| Registered Sunshine (in hours) | 46·4 | 23·9 | 36·6 | 30·8 | 32·2 | 37·0 | 26·4 | 41·1 | 32·3 | 39·3 | 45·6 | 40·4 | 52·0 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox - - - - - | - | - | - | - | - | - | 1 | 1 | 1 | - | - | - | - |
| Scarlet Fever - - - - | 2334 | 2302 | 2271 | 2247 | 2241 | 2195 | 2207 | 2169 | 2194 | 2238 | 2205 | 2250 | 2314 |
| Diphtheria - - - - | 953 | 930 | 942 | 948 | 953 | 923 | 973 | 1001 | 1018 | 999 | 976 | 1013 | 1033 |
| Enteric Fever - - - - | 67 | 59 | 54 | 57 | 55 | 54 | 55 | 44 | 47 | 52 | 53 | 62 | 68 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton: A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley Wolverhampton; Arthur Brown. Esq., M.Inst. C.E., and T. Boobbyer Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S Preston; A. Johnson, Esq., M.Inst.C.E., Bradford; and Mr. E. Peak, Hull.

BLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-EIGHTH Week of the Year 1898.

| USES OF DEATH. | Corrected Averages for the 28th Week of the 10 years 1888-97*. | In the Week ending Saturday, 16th July 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| USES - - - | 1626·3 | 1214 | 305 | 157 | 78 | 179 | 220 | 220 | 55 |
| Vaccinated† - | 0·3 | - | - | - | - | - | - | - | - |
| Unvaccinated | 0·2 | - | - | - | - | - | - | - | - |
| No Statement | 0·3 | - | - | - | - | - | - | - | - |
| s - - - - | 56·0 | 23 | 7 | 15 | 1 | - | - | - | - |
| Fever - - - | 18·0 | 8 | - | 4 | 2 | 2 | - | - | - |
| s - - - - | 0·2 | - | - | - | - | - | - | - | - |
| ing Fever - - | - | - | - | - | - | - | - | - | - |
| za - - - - | 7·7 | 8 | - | - | - | 1 | 3 | 4 | - |
| ing-cough - - | 40·7 | 40 | 13 | 27 | - | - | - | - | - |
| eria - - | 38·8 | 39 | 1 | 23 | 14 | - | 1 | - | - |
| Continued and fined Fever - | 0·5 | - | - | - | - | - | - | - | - |
| e Fever - - - | 9·6 | 4 | - | - | 2 | 2 | - | - | - |
| a and Chol. Diarr. | 6·6 | 3 | 2 | - | 1 | - | - | - | - |
| œa, Dysentery - | 175·4 | 52 | 40 | 7 | - | - | 1 | 3 | 1 |
| ent Fever - - | - | - | - | - | - | - | - | - | - |
| phobia - - - | - | - | - | - | - | - | - | - | - |
| rs - - - - | - | - | - | - | - | - | - | - | - |
| x and Effects of nation - - | 0·2 | - | - | - | - | - | - | - | - |
| al Affections - - | 11·6 | 4 | 2 | - | - | 1 | 1 | - | - |
| elas - - - | 4·2 | - | - | - | - | - | - | - | - |
| a and Septicæmia | 2·7 | - | - | - | - | - | - | - | - |
| ral Fever - - | 3·2 | 4 | - | - | - | 4 | - | - | - |
| Zymotic Diseases | 1·9 | 1 | - | 1 | - | - | - | - | - |
| - - - - - | 1·1 | - | - | - | - | - | - | - | - |
| and other Para- l Diseases - | 0·3 | - | - | - | - | - | - | - | - |
| ion, Want of t-milk - - | 2·1 | 1 | 1 | - | - | - | - | - | - |
| lism - - - | 10·0 | 20 | - | - | - | 7 | 11 | 2 | - |
| atic Fever, matism of Heart | 6·3 | 3 | - | - | 1 | 1 | - | 1 | - |
| atism - - - | 1·8 | - | - | - | - | - | - | - | - |
| - - - - | 3·4 | - | - | - | - | - | - | - | - |
| s - - - - | 6·2 | 7 | 3 | 4 | - | - | - | - | - |
| - - - - | 69·3 | 72 | - | - | 1 | 7 | 30 | 31 | 3 |
| Mesenterica - - | 38·0 | 15 | 8 | 2 | 2 | - | 3 | - | - |
| ular Meningitis - | 28·3 | 26 | 11 | 11 | 3 | 1 | - | - | - |
| s - - - - | 137·4 | 126 | 2 | 3 | 9 | 69 | 41 | 2 | - |
| a, Tuberculosis - | 22·9 | 13 | 2 | 1 | 4 | 5 | 1 | - | - |
| Constitutional ses - - | 11·8 | 8 | - | 1 | 2 | 1 | 1 | 3 | - |
| ture Birth - - | 45·1 | 47 | 47 | - | - | - | - | - | - |
| asis - - - | 3·5 | 3 | 3 | - | - | - | - | - | - |
| nital Malforma- - - - | 7·2 | 9 | 8 | - | 1 | - | - | - | - |
| e - - - - | 43·5 | 42 | - | - | - | - | - | 20 | 22 |
| xy - - - | 42·9 | 26 | - | - | - | 1 | 8 | 12 | 5 |
| sy - - - | 7·0 | 9 | - | - | - | 5 | 1 | 3 | - |
| sions - - - | 44·8 | 32 | 29 | 2 | - | - | - | 1 | - |
| Diseases of Brain Nervous System | 81·2 | 54 | 6 | 4 | 3 | 5 | 13 | 18 | 5 |
| es of Organs of al Sense - | 3·4 | 6 | 1 | - | 4 | 1 | - | - | - |

| CAUSES OF DEATH | Corrected Averages for the 28th Week of the 10 years 1888-97*. | In the Week ending Saturday, 16th July 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 117·0 | 91 | 1 | - | 5 | 15 | 29 | 38 | 3 |
| Croup - - - - | 4·8 | 1 | 1 | - | - | - | - | - | - |
| Bronchitis - - - | 78·8 | 70 | 18 | 11 | 4 | - | 8 | 22 | 7 |
| Pneumonia - - - | 76·8 | 84 | 26 | 19 | 1 | 10 | 14 | 13 | 1 |
| Pleurisy - - - - | 5·6 | 5 | - | 2 | - | 2 | - | 1 | - |
| Other Diseases of Respiratory System - | 17·5 | 15 | 2 | 2 | 1 | 1 | 5 | 3 | 1 |
| Dentition - - - - | 12·0 | 2 | 1 | 1 | - | - | - | - | - |
| Quinsy, Sore Throat - | 2·2 | 2 | - | 1 | - | - | - | 1 | - |
| Enteritis - - - - | 48·2 | 30 | 20 | 1 | 3 | 4 | 2 | - | - |
| Peritonitis - - - | 6·8 | 3 | - | 1 | 1 | - | 1 | - | - |
| Diseases of Liver - - | 27·5 | 25 | 3 | - | 1 | 3 | 11 | 6 | 1 |
| Other Diseases of Digestive System | 32·7 | 24 | 4 | 3 | 2 | 4 | 4 | 7 | - |
| Diseases of Lymphatic System & of Ductless Glands - - - | 2·3 | 2 | - | - | - | - | 2 | - | - |
| Diseases of Urinary System - - - | 36·5 | 49 | 1 | 2 | 3 | 7 | 12 | 22 | 2 |
| Diseases of Generative System - - - | 6·7 | 2 | - | - | - | 2 | - | - | - |
| Accidents of Childbirth - | 4·9 | 5 | - | - | - | 4 | 1 | - | - |
| Diseases of Locomotive System - - - | 4·7 | 5 | 2 | - | 2 | - | 1 | - | - |
| Diseases of Integumentary System - - | 4·2 | 2 | - | - | - | - | 1 | 1 | - |
| VIOLENT DEATHS ‡ (ACCIDENT.) | | | | | | | | | |
| By Railways - - - | 53·5 | 1 | - | - | - | 1 | - | - | - |
| By Vehicles or Horses - | | 6 | 1 | 2 | - | 1 | 2 | - | - |
| In Ships, Boats, Docks, (exclusive of Drowning) - - - | | 1 | - | - | - | 1 | - | - | - |
| In Building Operations - | | - | - | - | - | - | - | - | - |
| In Conflagrations - - | | - | - | - | - | - | - | - | - |
| By Burns, Scalds, Explosions - - | | 2 | - | 2 | - | - | - | - | - |
| By Drowning - - - | | 8 | - | - | 1 | 2 | 4 | 1 | - |
| By Suffocation in Bed - | | 4 | 4 | - | - | - | - | - | - |
| By Poisons or Poisonous Vapours - - | | 3 | - | 1 | - | - | 2 | - | - |
| Other or not stated causes - - - - | | 23 | 4 | 2 | 2 | 5 | 4 | 2 | 4 |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - | 2·4 | - | - | - | - | - | - | - | - |
| Suicide - - - - | 12·2 | 7 | - | - | 1 | 4 | 1 | 1 | - |
| Execution - - - | - | - | - | - | - | - | - | - | - |
| OTHER CAUSES - - | 73·4 | 37 | 31 | 2 | 1 | - | 1 | 2 | - |

e numbers in this column are the average weekly deaths for the ten years 1888-97, raised by 5·230 per cent. for increase ulation.

y those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered al men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

e evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of nt, murder manslaughter or suicide All such cases are classed under "accident.'

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASI SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in e SUB-DISTRICT during the Week ending Saturday, 16th July, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - - | 4,411,710 | 2502 | 1214 | 305 | 275 | – | 23 | 8 | 39 | 40 | – | 4 | – | 52 | 55 | 119 | 367 |
| WEST DISTRICTS - - - | 778,251 | 389 | 214 | 63 | 49 | – | 1 | 3 | 7 | 6 | – | 1 | – | 12 | 9 | 23 | 68 |
| NORTH DISTRICTS - - - | 1,040,694 | 548 | 265 | 55 | 72 | – | 4 | 2 | 7 | 8 | – | 2 | – | 9 | 14 | 25 | 84 |
| CENTRAL DISTRICTS - - - | 233,635 | 135 | 81 | 14 | 17 | – | 1 | 1 | 2 | 1 | – | – | – | 3 | 2 | 8 | 39 |
| EAST DISTRICTS - - - | 716,334 | 473 | 215 | 70 | 41 | – | 7 | – | 6 | 6 | – | – | – | 12 | 12 | 27 | 63 |
| SOUTH DISTRICTS - - - | 1,642,796 | 957 | 415 | 103 | 87 | – | 9 | 2 | 17 | 19 | – | 1 | – | 16 | 18 | 36 | 89 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | — | – | 24 | – | 9 | – | 1 | – | – | – | – | – | – | – | – | – | 24 |
| WEST DISTRICTS. | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 55 | 23 | 6 | 7 | – | 1 | – | – | 1 | – | – | – | – | 1 | 2 | 4 |
| St. John Paddington *H* - - G. | 33,510 | 5 | 14 | 1 | 5 | – | – | – | – | – | – | – | – | – | 2 | 3 | 9 |
| Kensington Town *Ww* - - W. | 122,164 | 53 | 39 | 14 | 9 | – | – | – | – | 2 | – | 1 | – | 6 | 1 | 3 | 15 |
| Brompton *HH*- - - W & C. | 48,301 | 16 | 5 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | – | – |
| St. Peter Hammersmith - - W. | 9,097 | 6 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| St. Paul Hammersmith *HH* W. & G. | 35,102 | 63 | 14 | 6 | 2 | – | – | – | 1 | 1 | – | – | – | 1 | – | 3 | 1 |
| Fulham *Ww* - - - W. & C. | 113,781 | 78 | 52 | 16 | 5 | – | – | 3 | 6 | 1 | – | – | – | 2 | 2 | 4 | 18 |
| Chelsea Kensal Town - C. | 21,450 | 9 | 7 | 4 | 1 | – | – | – | – | – | – | – | – | 1 | – | – | – |
| Chelsea North *WHHHHH* - C. | 42,057 | 15 | 15 | 4 | 3 | – | – | – | – | – | – | – | – | 1 | – | 2 | 6 |
| Chelsea South *HH* - - C. | 33,139 | 17 | 7 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | 1 | 2 |
| May Fair *W* - - - - G. | 23,827 | 2 | 6 | – | 5 | – | – | – | – | – | – | – | – | – | – | – | 4 |
| Belgrave *WHHH* - - - C. | 56,140 | 25 | 12 | 1 | 4 | – | – | – | – | 1 | – | – | – | – | 2 | 2 | 6 |
| St. John Westminster *HH* - C. | 31,492 | 22 | 9 | 3 | 3 | – | – | – | – | – | – | – | – | – | – | 2 | 1 |
| St. Margaret Westminster *H*- C. | 22,097 | 8 | 5 | 2 | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 | 2 |
| St. James Westminster *WHH* N. & G. | 23,050 | 10 | 4 | 1 | – | – | – | – | – | – | – | – | – | 1 | – | – | – |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 5 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| NORTH DISTRICTS. | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - - W. | 36,595 | 15 | 6 | 2 | – | – | – | – | – | – | – | – | – | – | 1 | 1 | – |
| Rectory Marylebone *W* G. & W. | 19,798 | 10 | 5 | 1 | 1 | – | – | – | – | – | – | – | – | 1 | – | – | 2 |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 41 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| Christchurch Marylebone *H* - W | 32,547 | 18 | 5 | 4 | – | – | – | – | – | – | – | – | – | 1 | – | 1 | – |
| St. John Marylebone *HHH* W. | 32,611 | 16 | 8 | 1 | 2 | – | – | – | – | – | – | – | – | – | 1 | 1 | – |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 32 | 17 | – | 1 | – | – | 1 | 4 | – | – | – | – | – | 1 | 1 | 9 |
| Regent's Park Pancras *HH* - W. | 37,341 | 16 | 6 | 1 | – | – | 1 | – | – | – | – | – | – | – | – | – | – |
| Tottenham-court *wHHHH* - N. & W. | 26,757 | 10 | 13 | 1 | 4 | – | 1 | – | 1 | – | – | – | – | – | 1 | 1 | 6 |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 12 | 6 | 1 | 1 | – | – | – | – | – | – | – | – | 1 | – | – | 4 |
| Somers Town *HH* - - - N. | 32,161 | 17 | 6 | 1 | – | – | – | – | – | – | – | – | – | 1 | – | – | 3 |
| Camden Town *WH* - - N. | 16,669 | 9 | 12 | 4 | 3 | – | – | – | – | 1 | – | – | – | – | 2 | 2 | 11 |
| Kentish Town *WW* - - N. | 98,410 | 43 | 37 | 8 | 14 | – | – | – | – | 2 | – | – | – | 2 | 1 | 4 | 9 |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 59 | 28 | 4 | 9 | – | – | – | – | 1 | – | – | – | 1 | 2 | 3 | 18 |
| Islington South-west H - N. | 107,365 | 62 | 18 | 7 | 1 | – | 1 | – | – | 2 | – | – | – | 1 | – | – | – |
| Islington South-east - - N. | 66,549 | 31 | 13 | 5 | 3 | – | – | – | – | 1 | – | – | – | – | – | 3 | – |
| Highbury *HH* - - - N. | 64,577 | 26 | 7 | 2 | 3 | – | – | – | – | – | – | – | – | – | 1 | 1 | – |
| Stoke Newington *H* - N. | 33,485 | 15 | 8 | 1 | 6 | – | – | – | – | – | – | – | – | 1 | – | – | – |
| North Hackney - - E. & N. | 213,044 | 19 | 13 | 1 | 5 | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Central Hackney *ww* - E. & N. | | 28 | 12 | 1 | 2 | – | – | 1 | 2 | – | – | 2 | – | – | 1 | 1 | 5 |
| South-west Hackney *HHH* E. & N. | | 28 | 17 | 6 | 6 | – | – | – | – | 1 | – | – | – | – | 1 | 1 | 6 |
| South-east Hackney *WwH* E. & N. | | 41 | 26 | 4 | 10 | – | 1 | – | – | – | – | – | – | – | 2 | 4 | 11 |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated there namely: *W*—Worknouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers a received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. T Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junct Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River E E. London; and K. the Kent Company.

* See note † on first page of this Return.

BLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday, 16th July, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population. 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CENTRAL DISTRICTS. | | | | | | | | | | | | | | | | | | |
| George Bloomsbury - - N. | 16,110 | 1 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Giles South *WH* - - N. | 12,976 | 15 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Giles North *H* - - - N. | 9,151 | 5 | 4 | – | – | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Martin-in-the-Fields *HH* N. & C. | 13,077 | 5 | 4 | – | 1 | – | – | – | – | 1 | – | – | – | – | – | – | 3 | – |
| and *WHH* - - - - N. | 11,839 | 2 | 6 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | 4 | – |
| *and Union Workhouse, Edmonton* | †*1,037* | – | 3 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 3 | – |
| lborn *wHHHHHHH* - N. | 31,042 | 11 | 18 | 5 | 3 | – | – | 1 | – | – | – | – | – | – | – | – | 12 | – |
| James Clerkenwell - - N. | 15,777 | 7 | 4 | 2 | – | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| nwell Clerkenwell - - N. | 34,356 | 29 | 8 | 1 | 2 | – | 1 | – | – | – | – | – | – | – | – | 2 | – | – |
| swell-street - - - - N. | 16,069 | 9 | 5 | 2 | 1 | – | – | – | – | – | – | – | – | 1 | – | 1 | – | – |
| y-road *HHHL* - - - N. | 29,897 | 35 | 6 | 1 | 1 | – | – | – | 1 | – | – | – | – | 1 | – | – | 3 | – |
| nitecross-street - - - N. | 7,595 | 7 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| nsbury - - - - - N. | 4,035 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| *lborn Union Workhouse, Mitcham* - - - - | †*892* | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Botolph *H* - - N. & E. | 6,870 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| prlegate - - - - N. | 3,299 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Sepulchre *WH* - - - N. | 9,591 | 2 | 14 | 1 | 2 | – | – | – | 1 | – | – | – | – | 1 | 1 | 1 | 13 | – |
| hallows Barking - - - N. | 9,059 | 2 | 3 | – | 2 | – | – | – | – | – | – | – | – | – | 1 | 2 | – | – |
| bad Street *H* - - - N. | 2,892 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| *y of London Asylum, Stone* - - | †*388* | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| EAST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| reditch South *Hl* - E. & N. | 17,975 | 10 | 4 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| xton New Town *w* - - N. | 29,575 | 16 | 13 | 2 | 5 | – | – | – | – | – | – | – | – | 1 | 1 | 4 | 4 | – |
| xton Old Town - - - N. | 27,645 | 12 | 8 | 4 | 1 | – | – | – | 1 | – | – | – | – | – | – | 1 | – | – |
| ggerston *WH* - - N. & E. | 47,163 | 34 | 17 | 5 | 5 | – | – | – | – | – | – | – | – | 1 | – | 1 | 7 | – |
| hnal Green North *H* - E. | 49,301 | 38 | 7 | 2 | 2 | – | 1 | – | – | – | – | – | – | – | – | 1 | – | – |
| hnal Green South - - E. | 34,194 | 26 | 4 | 2 | – | – | 1 | – | – | 1 | – | – | – | – | 1 | 1 | – | – |
| hnal Green East *WHl* - E. | 45,667 | 35 | 16 | 5 | 5 | – | – | – | – | 1 | – | – | – | 1 | – | – | 3 | – |
| talfields - - - E. & N. | 26,681 | 24 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | 1 | 2 | – | – |
| e End New Town *W* - E. | 12,816 | 8 | 7 | 1 | – | – | – | – | – | – | – | – | – | – | 1 | 2 | 7 | – |
| itechapel Church *H* - E. & N. | 25,561 | 16 | 25 | 4 | 2 | – | – | – | 1 | – | – | – | – | – | 2 | 3 | 21 | – |
| odman's Fields - - - E. | 13,618 | 7 | 5 | 1 | – | – | – | – | – | – | – | – | – | 2 | – | – | – | – |
| George's North - - - E. | 39,576 | 38 | 12 | 7 | – | – | 1 | – | – | – | – | – | – | 1 | 1 | 1 | – | – |
| John, St. George East *W* E. | 7,930 | 1 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 2 | – |
| dwell *H* - - - E. & N. | 10,434 | 11 | 7 | 5 | – | – | – | – | – | – | – | – | – | 1 | – | 1 | 4 | – |
| cliff *W* - - - - E. | 14,954 | 12 | 5 | 2 | 1 | – | – | – | 1 | – | – | – | – | – | – | – | – | – |
| nehouse - - - - E. | 32,917 | 23 | 10 | 3 | 2 | – | – | – | – | 2 | – | – | – | 1 | – | – | – | – |
| e End Old Town West *H* E. | 111,060 | 29 | 10 | 5 | 1 | – | 1 | – | – | – | – | – | – | – | – | 1 | 1 | – |
| e End Old Town East *Www* - E. | | 31 | 12 | 1 | 6 | – | – | – | – | – | – | – | – | 1 | – | 1 | 6 | – |
| v *l* - - - - E. | 41,687 | 26 | 6 | 5 | – | – | – | – | – | – | – | – | – | 1 | – | – | – | – |
| mley *wwwH* - - - E. | 69,821 | 43 | 24 | 9 | 5 | – | 3 | – | – | 1 | – | – | – | 1 | 2 | 5 | 7 | – |
| lar *WW* - - - - E. | 57,759 | 33 | 19 | 7 | 2 | – | – | – | 3 | 1 | – | – | – | 1 | 3 | 3 | 1 | – |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 16th July, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WH* L.&S. | 13,064 | 10 | 4 | – | – | – | – | – | 1 | – | – | – | – | – | – | – | – | – |
| St. Saviour Southwark - - S. | 12,301 | 5 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Kent-road - - - - S. & L. | 22,879 | 12 | 6 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| Borough-road *WH* - S. & L. | 16,083 | 16 | 9 | 4 | – | – | – | – | – | – | – | – | – | 2 | 1 | 1 | 7 | – |
| London-road *HL* - - L. & S. | 21,316 | 10 | 4 | 3 | – | – | – | – | – | 1 | – | – | – | – | – | – | – | – |
| Trinity Newington - - S. & L. | 28,723 | 15 | 4 | 3 | – | – | – | – | – | – | – | – | – | – | 1 | 2 | – | – |
| St. Peter Walworth *W* - S. & L. | 62,045 | 35 | 12 | 3 | 3 | – | – | – | – | – | – | – | – | 1 | – | 1 | – | – |
| St. Mary Newington- - L. & S. | 30,171 | 26 | 8 | 1 | 3 | – | – | – | – | 1 | – | – | – | 1 | 1 | 1 | – | – |
| St. Olave *WH* - - - - S. | 11,731 | 6 | 13 | – | 1 | – | – | – | – | – | – | 1 | – | – | 4 | 4 | 12 | – |
| Leather Market *W* - S. & L. | 32,339 | 21 | 9 | 2 | 1 | – | – | – | – | 2 | – | – | – | – | – | – | 1 | 1 |
| St. James Bermondsey - - S. | 53,136 | 29 | 7 | 1 | 3 | – | – | – | – | 1 | – | – | – | – | – | – | – | – |
| Rotherhithe *WwH* - S. & K. | 40,379 | 24 | 14 | 3 | 2 | – | 2 | – | – | – | – | – | – | – | – | – | 6 | – |
| Waterloo-road *HH* - L. & S. | 28,396 | 28 | 10 | 5 | 1 | – | – | – | – | 1 | – | – | – | – | – | – | 3 | – |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 14 | 12 | 3 | 2 | – | – | – | – | – | – | – | – | 1 | 1 | 1 | 6 | 1 |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 31 | 17 | 5 | 5 | – | – | – | – | 1 | – | – | – | 2 | – | 2 | 11 | – |
| Kennington 1st *H* - - S. & L. | 52,486 | 41 | 10 | 2 | 3 | – | – | – | 2 | – | – | – | – | – | – | 1 | – | – |
| Kennington 2nd - - S. & L. | 43,244 | 17 | 8 | 2 | 2 | – | – | – | – | 1 | – | – | – | – | – | – | – | – |
| Brixton *w* - - - L. & S. | 81,825 | 34 | 17 | 3 | 2 | – | – | – | 4 | 2 | – | – | – | 1 | – | – | 3 | – |
| Norwood *WH* - - - - L. | 29,318 | 17 | 8 | 1 | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 | 1 | – |
| East Battersea - - - - S. | 71,730 | 48 | 16 | 7 | 4 | – | 1 | – | – | 1 | – | – | – | 2 | – | – | – | – |
| West Battersea *WwH* - - S | 93,385 | 51 | 34 | 8 | 8 | – | – | – | – | 2 | – | – | – | – | 2 | 6 | 9 | – |
| Clapham *H* - - - - S. | 46,953 | 27 | 10 | 3 | 2 | – | – | – | – | 1 | – | – | – | – | – | 1 | 1 | – |
| Wandsworth *WHHL* - - S. | 58,101 | 38 | 11 | 4 | 1 | – | – | – | 2 | – | – | – | – | 1 | – | – | 1 | – |
| Putney - - - - - S. | 20,566 | 5 | 6 | 2 | – | – | 1 | – | – | 1 | – | – | – | – | – | – | – | – |
| Streatham *Wwww* - - - L. | 61,644 | 24 | 22 | 4 | 7 | – | 2 | – | 2 | – | – | – | – | – | 3 | 3 | 4 | 1 |
| Dulwich - - - - L. & S. | 7,519 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Camberwell *Wwll* - S. & L. | 90,286 | 50 | 23 | 2 | 8 | – | – | – | 1 | 1 | – | – | – | 1 | – | 1 | 14 | – |
| Peckham *WW* - S., L., & K. | 88,242 | 53 | 17 | 6 | 3 | – | – | – | – | – | – | – | – | – | – | 2 | – | – |
| St. George Camberwell - L. & S. | 67,029 | 49 | 11 | 4 | 1 | – | – | – | 1 | – | – | – | – | 1 | – | – | – | – |
| Deptford North - - - K. | 36,152 | 27 | 12 | 2 | 1 | – | 1 | – | 1 | 1 | – | – | – | – | 2 | 3 | – | – |
| Deptford Central *w* - - K. | 45,441 | 32 | 5 | – | 2 | – | – | – | – | 1 | – | – | – | – | – | 1 | – | 1 |
| Deptford South - - - K. | 33,402 | 16 | 4 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Greenwich West *H* - - K. | 23,012 | 12 | 3 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Greenwich East *WH* - - K. | 37 767 | 19 | 8 | 2 | 4 | – | – | – | – | – | – | – | – | 1 | – | – | 3 | – |
| Eltham *wH* - - - - K. | 5,911 | 2 | 4 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Lee *H* - - - - - K. | 24,222 | 7 | 10 | 1 | 4 | – | – | – | 1 | – | – | – | – | 1 | – | – | – | – |
| Lewisham *WwH* - - - K. | 38,139 | 24 | 8 | 2 | 2 | – | – | – | 2 | – | – | – | – | – | 1 | 2 | 3 | – |
| Sydenham *H* - - - - L. | 37,601 | 14 | 8 | 1 | 2 | – | 1 | – | – | 1 | – | – | – | – | – | – | – | – |
| Charlton *wHH* - - K. | 15,928 | 8 | 4 | – | 1 | – | – | 1 | – | – | – | – | – | – | – | – | 2 | – |
| Woolwich Dockyard - - K. | 19,355 | 5 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 12 | 7 | 3 | – | – | – | – | – | – | – | – | – | 1 | 1 | 2 | – | – |
| Plumstead West *H* - - K. | 16,714 | 9 | 7 | 5 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Plumstead East *WH* - - K. | 42,538 | 33 | 9 | – | 3 | – | 1 | 1 | – | – | – | – | – | – | – | – | 2 | – |
| Banstead Asylum - - - - | — | – | 3 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 3 | – |
| Caterham Asylum - - - - | — | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | 2 | – |
| Cane Hill Asylum - - - - | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Hospital Ships and Camp, Dartford | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Darenth Asylum - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Hanwell Asylum - - - - | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Colney Hatch Asylum - | — | – | 4 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 4 | – |
| N.E. Hospital - - - - | — | – | 1 | – | – | – | 1 | – | – | – | – | – | – | – | – | – | 1 | – |
| Winchmore Hill Hospital - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Leavesden Asylum - - - - | — | – | 6 | – | 3 | – | – | – | – | – | – | – | – | – | – | – | 6 | – |
| Claybury Asylum - - - - | — | – | 6 | – | 3 | – | – | – | – | – | – | – | – | – | – | – | 6 | – |

LE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 16th July, 1898.

| gis-tion rict nd b-rict m-rs. | REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years & upwds. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LONDON—OUTER RING - | 363,749 | 1,422,063 | 988 | 373 | 85 | 86 | - | 11 | 2 | 9 | 12 | 2 | 14 | 19 | 29 | 51 | 3 |
| :1 | Carshalton *wHH* - - | 12,228 | 26,108 | 9 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Epsom, *part of** *WwHH* - | 10,423 | 12,508 | 2 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| :1 | Godstone, *part of** *W* - | 2,754 | 1,598 | 1 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| :1 | Croydon *WwHHH* - - | 20,851 | 128,699 | 75 | 26 | 4 | 6 | - | - | - | - | - | - | - | 1 | 3 | 4 | - |
| 2 | Mitcham *w* - - - | 11,697 | 23,088 | 13 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| :1 | Wimbledon *HHH* - - | 3,220 | 25,761 | 20 | 7 | 1 | 2 | - | - | - | - | - | - | - | - | - | 1 | - |
| 2 | Kingston *W* - - - | 8,071 | 33,566 | 22 | 6 | 2 | 1 | - | - | - | - | 1 | - | - | - | - | 1 | - |
| 3 | Surbiton *H*- - - - | | 11,199 | 11 | 4 | - | 1 | - | - | - | - | - | - | - | 1 | 1 | - | - |
| 4 | Esher, *part of** *HH* - - | 6,601 | 12,059 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 5 | Hampton *HL* - - - | 4,565 | 18,252 | 12 | 4 | - | - | - | - | - | 1 | - | - | - | 2 | 2 | 1 | - |
| :1 | Richmond *WH*- - - | 2,160 | 25,389 | 13 | 7 | 1 | 3 | - | - | - | 1 | - | - | - | - | 1 | 3 | 1 |
| 2 | Mortlake *H* - - - | 2,823 | 16,159 | 12 | 4 | - | 1 | - | - | - | 2 | - | - | - | 1 | 1 | 2 | - |
| :1 | Bromley *HHH* - - - | 9,127 | 23,815 | 14 | 7 | 3 | 2 | - | - | - | - | - | - | - | - | - | 1 | 1 |
| 2 | Beckenham *H* - - - | 6,542 | 21,969 | 7 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 11 | 4 | - | 2 | - | - | - | - | - | - | - | - | - | - | - |
| :1 | Bexley *HHH* - - - | 12,540 | 30,590 | 28 | 10 | 2 | 2 | - | 1 | - | - | 1 | 1 | - | 1 | 1 | - | - |
| 2 | Dartford *WH, part of** - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| :1 | Sunbury *w* - - - | 11,054 | 13,671 | 9 | 3 | 1 | 1 | - | 1 | - | - | - | - | 1 | - | - | - | - |
| 2 | Staines *WH* - - - | 13,277 | 13,221 | 4 | 5 | 1 | 1 | - | 1 | - | - | - | - | - | - | - | 1 | - |
| :1 | Hillingdon *WHH* - - | 6,035 | 12,237 | 7 | 4 | - | 2 | - | - | - | 1 | - | - | - | - | - | 1 | - |
| 2 | Uxbridge - - - - | 12,757 | 7,253 | 8 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Hayes *wH*- - - - | 7,952 | 11,051 | 7 | 1 | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - |
| :1 | Isleworth *WHH* - - | 6,967 | 26,004 | 16 | 7 | 1 | 2 | - | - | - | - | 1 | - | - | 1 | 1 | 1 | - |
| 2 | Twickenham *HH* - - | 2,415 | 16,027 | 6 | 4 | - | - | - | 2 | - | - | - | - | - | - | - | - | - |
| 3 | Brentford *HHHH* - - | 4,318 | 37,777 | 18 | 6 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | - |
| 4 | Chiswick - - - - | 1,245 | 21,963 | 13 | 6 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 5 | Acton *wHH* - - - | 6,132 | 30,945 | 20 | 4 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | 1 |
| :1 | Harrow *HHH* - - - | 13,809 | 15,715 | 7 | 4 | 1 | 1 | - | - | - | - | - | - | 1 | 1 | 1 | - | - |
| 2 | Edgware *HH* - - - | 6,994 | 3,844 | 3 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Willesden *HHH* - - | 4,383 | 61,265 | 77 | 20 | 4 | 4 | - | - | 1 | - | 1 | - | - | 1 | 1 | 1 | - |
| 4 | Hendon *WH* - - - | 8,382 | 15,843 | 8 | 12 | 1 | 3 | - | - | - | 3 | - | - | - | 1 | 2 | 6 | - |
| :1 | South Mimms *HH* - - | 21,077 | 6,367 | 2 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Barnet *WHH* - - - | | 14,152 | 9 | 10 | 4 | 2 | - | - | - | - | - | - | 1 | - | - | 3 | - |
| 3 | Finchley *HHH*- - - | 4,688 | 25,820 | 14 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| :1 | Hornsey *HH* - - - | 3,039 | 61,097 | 39 | 13 | 2 | 6 | - | - | - | - | - | - | - | - | 1 | - | - |
| 2 | Tottenham *HH*- - - | 4,642 | 97,174 | 74 | 35 | 12 | 7 | - | - | - | - | 1 | - | - | 4 | 5 | 3 | - |
| 3 | Edmonton *Www* - - | 7,489 | 36,351 | 32 | 12 | 4 | 1 | - | - | - | - | 1 | - | 2 | - | - | 5 | - |
| 4 | Enfield *WWHH* - - | 12,602 | 31,536 | 27 | 8 | 3 | - | - | - | - | - | - | - | 2 | - | 1 | - | - |
| 5 | Waltham Abbey - - - | 11,017 | 6,066 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 6 | Cheshunt *H* - - - | 8,480 | 9,620 | 6 | 1 | 1 | - | - | - | - | - | - | - | 1 | - | - | - | - |
| :1 | Hatfield, *part of** *W*- - | 3,306 | 582 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| :1 | Bushey *H* - - - | 9,331 | 7,737 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Watford *WH, part of** - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| :1 | Stratford *H* - - - | 4,706 | 38,612 | 23 | 13 | 3 | 2 | - | - | - | - | 2 | - | 1 | - | - | - | - |
| 2 | Plaistow *WHHH* - - | | 58,030 | 44 | 19 | 6 | 3 | - | 4 | - | - | 1 | 1 | - | - | - | - | - |
| 3 | Canning Town *H* - - | | 54,750 | 50 | 19 | 9 | 1 | - | 1 | - | - | 3 | - | 2 | 2 | 2 | - | - |
| 4 | Forest Gate *w* - - - | | 53,511 | 43 | 13 | 3 | 3 | - | - | - | - | - | - | - | - | - | - | - |
| 5 | East Ham *wH*- - - | 3,266 | 32,713 | 50 | 7 | 4 | 2 | - | - | - | - | - | - | - | - | 1 | - | - |
| 6 | Leyton *WWWwH* - - | 4,334 | 70,188 | 43 | 27 | 4 | 7 | - | 1 | 1 | - | - | - | - | 2 | 4 | 11 | - |
| 7 | Walthamstow *HHL*- - | 6,501 | 57,330 | 36 | 9 | - | 4 | - | - | - | 1 | - | - | - | - | - | - | - |
| :1 | Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 10 | 3 | - | 2 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Epping *WH, part of** - - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| :1 | Romford, *part of** *WH* - | 6,556 | 4,324 | 3 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Ilford - - - - - | 8,493 | 10,913 | 13 | 2 | 1 | - | - | - | - | - | - | - | 1 | - | - | - | - |
| 3 | Barking Town, *H* - - | 3,814 | 14,301 | 11 | 3 | 2 | - | - | - | - | - | - | - | 2 | - | - | - | - |
| | Middlesex Co. Lunatic Asy., Wandsworth. | — | — | - | 4 | - | 2 | - | - | - | - | - | - | - | - | - | 4 | - |
| | City of London Asy., Stone | — | — | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |

The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring as follows:—30: 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37: 1, the parishes of Warlingham l Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst b-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in tfield sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping p. 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for ectious Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford: and 187: 2. Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 16th July, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | ANNUAL RATE of MORTALITY per 1000 living. From All Causes. | From Diseases in Cols. 8-14. | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. |
| GREATER LONDON | **443,421** | **6,408,321** | **12·9** | **1·8** | **1587** | **390** | **361** | **–** | **34** | **10** | **48** | **52** | **6** | **66** | **74** |
| INNER LONDON - | 74,672 | 4,504,766 | 14·1 | 1·9 | 1214 | 305 | 275 | – | 23 | 8 | 39 | 40 | 4 | 52 | 55 |
| OUTER RING - | 368,749 | 1,903,555 | 10·2 | 1·4 | 373 | 85 | 86 | – | 11 | 2 | 9 | 12 | 2 | 14 | 19 |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent t the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

| CITIES | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | | BIRTHS. Exclusive of Stillborn | DEATHS. Exclusive of Stillborn | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM PRINCIPAL ZYMOT DISEASES. Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 295,628 | July | 16 | 182 | 104 | 18·3 | – | 4 | 4 | – | – | – | |
| GLASGOW - - | 724,349 | „ | 16 | 434 | 256 | 18·0 | – | 10 | 2 | – | 18 | 4 | |
| DUBLIN - - | 349,594 | „ | 16 | 165 | 124 | 18·5 | – | – | 1 | – | 1 | – | |
| CALCUTTA - - | 466,460 | May | 7 | – | 277 | 30·9 | 7 | 1 | – | – | – | 105 | |
| BOMBAY - - | 821,764 | June | 21 | 192 | 417 | 26·4 | – | 2 | ? | ? | ? | 77† | |
| MADRAS - - | 452,518 | May | 27 | – | – | – | – | – | – | – | – | – | |
| PARIS - - - | 2,511,629 | July | 9 | 1117 | 783 | 16·2 | 1 | 27 | 4 | 2* | 5 | 2 | |
| BRUSSELS - - | 531,024 | „ | 9 | 266 | 146 | 13·8 | – | – | 2 | 1* | – | 2 | |
| AMSTERDAM - | 507,789 | „ | 2 | 252 | 141 | 14·5 | – | 1 | – | – | 4 | – | |
| ROTTERDAM - | 301,816 | „ | 2 | 214 | 112 | 19·2 | – | 8 | 1 | 1 | 3 | – | |
| THE HAGUE - | 196,325 | „ | 2 | 118 | 54 | 14·3 | – | – | – | – | 2 | – | |
| COPENHAGEN - | 340,500 | „ | 2 | 178 | 111 | 17·0 | – | – | 3 | 2 | 7 | – | |
| STOCKHOLM - | 274,611 | „ | 2 | 171 | 104 | 19·1 | – | 1 | – | 5* | – | – | |
| CHRISTIANIA - | 192,141 | „ | 9 | 149 | 43 | 11·0 | 1 | 4 | – | – | – | – | |
| ST. PETERSBURG | 954,400 | „ | 2 | 587 | 608 | 33·2 | 2 | 19 | 6 | 23 | 9 | 19 | 1 |
| MOSCOW - - | 988,610 | „ | 2 | – | 915 | 48·3 | 3 | 15 | 10 | 9 | 2 | 6 | 4 |
| BERLIN - - | 1,753,775 | June | 25 | 861 | 561 | 16·5 | 1 | 9 | 3 | 15 | 11 | – | |
| HAMBURG - - | 661,015 | July | 9 | – | 217 | 17·1 | – | 16 | 2 | – | 5 | – | |
| DRESDEN - - | 377,500 | May | 28 | 231 | 153 | 20·9 | – | 6 | 1 | – | – | 1 | |
| BRESLAU - - | 392,795 | July | 9 | – | 208 | 27·6 | – | 9 | 1 | – | 1 | 2 | |
| MUNICH - - | 430,000 | „ | 9 | – | 173 | 20·9 | – | – | – | 4 | 3 | – | |
| VIENNA - - | 1,574,129 | „ | 9 | 899 | 582 | 19·0 | – | 13 | 5 | 4* | 6 | 2 | |
| PRAGUE - - | 377,109 | „ | 9 | 172 | 173 | 23·5 | – | 4 | 3 | 2 | – | 1 | |
| BUDA-PESTH - | 648,104 | „ | 2 | 400 | 295 | 23·7 | – | 5 | 5 | 2 | – | 7 | |
| TRIESTE - - | 164,491 | „ | 2 | 92 | 110 | 34·6 | – | 1 | 2 | – | – | 1 | |
| ROME - - - | 489,965 | June | 11 | 189 | 139 | 14·8 | – | – | – | 1 | 3 | 1 | |
| TURIN (10 days) | 344,203 | May | 31 | – | – | – | – | – | – | – | – | – | |
| VENICE - - | 167,074 | June | 25 | 76 | 72 | 22·5 | – | 1 | – | 1* | – | – | |
| CAIRO - - | 570,062 | April | 22 | 366 | 357 | 32·6 | – | 10 | – | 3* | – | 13 | |
| ALEXANDRIA - | 319,766 | „ | 22 | 190 | 153 | 24·7 | 3 | – | – | 2* | – | 4 | |
| NEW YORK (including BROOKLYN) | 3,433,899 | June | 25 | 1587 | 1078 | 16·4 | – | 14 | 15 | 27 | 20 | 11 | |
| PHILADELPHIA - | 1,240,266 | July | 2 | – | 555 | 23·3 | – | 5 | – | 10 | 3 | 10 | 1 |

* Including deaths from croup.
† Including 15 deaths from bubonic fever.
‡ Including 9 deaths from cholera.

| 1898. Month and Day. | | Phases of the Moon. | Barometer. Mean daily reading (corrected and reduced to 32° Fahrenheit). | Of the Air. High-est. | Of the Air. Low-est | Of the Air. Daily Range. | Of the Air. Mean daily value. | Of the Air. Departure from Average of 50 years. | Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Difference. Great-est. | Difference. Least. | Degree of Humidity (Saturation equals 100). | Of Radiation. Highest in Sun's Rays. | Of Radiation. Lowest on the Grass. | Of the Earth 3 feet below the Surface. | Osler's. General Direction. A.M. | Osler's. General Direction. P.M. | Osler's. Pressure on the Square Foot. Great-est. | Osler's. Pressure on the Square Foot. Least. | Osler's. Pressure on the Square Foot. Mean of 24 hourly obs. | Robinson's. Horizontal Movement of the Air on each Day. | Robinson's. Depar-ture from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| JULY | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUNDAY - | 10 | Last Quarter | 30·187 | 58·1 | 48·2 | 9·9 | 53·1 | − 9·0 | 48·5 | 4·6 | 8·0 | 1·3 | 85 | 73·9 | 40·7 | 59·05 | NNE. & N. | N. & NNE. | 1·5 | 0·0 | 0·1 | 257 | + 25 | 0·00 | 0·0 |
| MONDAY - | 11 | .. | 30·169 | 71·1 | 46·5 | 24·6 | 57·6 | − 4·7 | 51·1 | 6·5 | 17·6 | 1·7 | 79 | 122·5 | 39·1 | 58·83 | N. & NNE. | NNE., NE. & Variable. | 2·5 | 0·0 | 0·1 | 217 | − 13 | 0·00 | 0·0 |
| TUESDAY - | 12 | .. | 29·952 | 76·2 | 51·3 | 24·9 | 63·6 | + 1·0 | 53·7 | 9·9 | 17·5 | 0·0 | 70 | 120·5 | 48·2 | 58·67 | SW., WSW. & NNW. | NNW., NW. & W. | 1·5 | 0·0 | 0·1 | 205 | − 24 | 0·00 | 0·0 |
| WEDNESDAY | 13 | .. | 29·739 | 68·5 | 51·8 | 16·7 | 58·5 | − 4·4 | 47·1 | 11·4 | 20·2 | 7·4 | 66 | 118·0 | 45·2 | 58·61 | W., NNW. & NW. | N., NNE. & NE. | 4·0 | 0·0 | 0·5 | 347 | +118 | 0·02 | 0·0 |
| THURSDAY- | 14 | .. | 29·897 | 77·1 | 47·0 | 30·1 | 63·1 | 0·0 | 47·0 | 16·1 | 27·4 | 1·7 | 56 | 138·5 | 41·8 | 58·20 | N., SW. & WSW. | WSW., W. & WNW. | 2·5 | 0·0 | 0·2 | 260 | + 31 | 0·00 | 0·0 |
| FRIDAY - | 15 | Greatest Dec. N. | 29·980 | 81·1 | 54·8 | 26·3 | 67·8 | + 4·6 | 55·6 | 12·2 | 25·5 | 0·8 | 65 | 129·0 | 48·9 | 59·05 | WSW., W. & WNW | NNW., N. & SW. | 0·7 | 0·0 | 0·0 | 150 | − 80 | 0·00 | 0·0 |
| SATURDAY - | 16 | Apogee | 29·944 | 82·0 | 57·0 | 25·0 | 69·9 | + 6·7 | 52·6 | 17·3 | 25·2 | 0·8 | 54 | 125·0 | 51·3 | 59·51 | Calm, WSW. & N. | NNE., N. & NNW. | 1·7 | 0·0 | 0·0 | 159 | − 71 | 0·00 | 0·0 |
| MEANS - - | | | 29·981 | 73·4 | 50·9 | 22·5 | 61·9 | − 0·8 | 50·8 | 11·1 | 20·2 | 2·0 | 68 | 118·2 | 45·0 | 58·95 | N. & WSW. | | .. | .. | .. | Sum 1595 | Sum − 14 | Sum 0·02 | 0·0 |
| No. of Column - | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| DATE. | | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | GENERAL REMARKS. |
|---|---|---|---|---|---|
| JULY | | | | | |
| SUNDAY - | 10 | w. P. till 9h. P.M.; m. P. afterwards. | 1·0 | 16·3 | Overcast till 6h. P.M. with slight misty rain in morning; cloudless and very fine afterwards. |
| MONDAY - | 11 | m. P. generally - | 3·8 | 16·3 | Very fine till 3h. A.M.; overcast till noon with a little misty rain in early morning; fine and partially cloudy afterwards. |
| TUESDAY - | 12 | m. P. throughout - | 6·2 | 16·2 | Fine till 8h. A.M.; cloudy till afternoon; fine and partially cloudy till 9h. P.M.; overcast afterwards. |
| WEDNESDAY | 13 | m. P. throughout - | 6·8 | 16·2 | Overcast in morning with rain between 9h. and 10h. A.M.; fine and partially cloudy afterwards. |
| THURSDAY- | 14 | m. P. till 6h. A.M.; w. P. till 4h. P.M.; m. P. afterwards. | 12·3 | 16·1 | A very fine day. The amount of cloud was usually small. |
| FRIDAY - | 15 | m. P. generally - | 11·6 | 16·1 | A very fine and hot day. |
| SATURDAY - | 16 | w. P. generally with occasional m. P. | 10·3 | 16·1 | Fine with occasional cloudy intervals in morning; very fine afterwards. A very hot day. |
| | | | Sum 52·0 | Sum 113·3 | |
| No. of Col. - | - | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer increased from 30·14 in. at the beginning of the week to 30·20 in. by 9h. P.M. on the 10th; decreased to 29·69 in. by 1h. P.M. on the 13th; increased to 29·99 in. by 10h. P.M. on the 15th; decreased to 29·92 in. by 5h. P.M. on the 16th; and increased to 29·99 in. by the end of the week.

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1898

OFFICIAL COPY.

# WEEKLY RETURN
OF
# BIRTHS AND DEATHS IN LONDON
AND IN
# THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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No. 29. 1898. VOL. LIX.] WEEK ENDING SATURDAY, JULY 23. [Price 1½*d*.

*General Register Office, Somerset House,*
*July 25th*, 1898.

## THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 15·6 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS. | Weeks ending | | | | TOWNS. | Weeks ending | | | |
|---|---|---|---|---|---|---|---|---|---|
| | July 2. | July 9. | July 16. | July 23. | | July 2. | July 9. | July 16. | July 23. |
| **33 Great Towns** | 14·9 | 14·7 | 14·7 | 15·6 | Leicester - - | 11·7 | 14·2 | 12·0 | 14·2 |
| Birkenhead - | 11·5 | 11·5 | 14·3 | 18·9 | Liverpool - - | 18·4 | 17·3 | 18·8 | 21·1 |
| Birmingham - | 15·0 | 15·1 | 12·9 | 17·2 | London - - - | 14·5 | 14·3 | 14·1 | 15·4 |
| Blackburn - | 16·0 | 13·3 | 9·0 | 14·9 | Manchester - - | 17·0 | 17·0 | 19·0 | 17·6 |
| Bolton - - | 13·2 | 14·0 | 22·6 | 12·8 | Newcastle-on-Tyne | 20·8 | 20·3 | 22·9 | 16·8 |
| Bradford - | 12·5 | 14·1 | 14·7 | 14·5 | Norwich - - | 10·3 | 13·5 | 14·0 | 16·3 |
| Brighton - | 11·1 | 10·2 | 11·5 | 15·3 | Nottingham - - | 14·6 | 11·5 | 13·7 | 11·3 |
| Bristol - | 12·2 | 12·3 | 12·2 | 12·3 | Oldham - - | 14·4 | 13·7 | 10·5 | 13·4 |
| Burnley - | 12·9 | 10·9 | 14·3 | 12·4 | Plymouth - - | 17·4 | 17·9 | 16·8 | 16·8 |
| Cardiff - - | 10·6 | 9·4 | 14·7 | 11·4 | Portsmouth - - | 14·0 | 11·5 | 8·7 | 16·2 |
| Croydon - | 10·9 | 12.6 | 9·2 | 4·6 | Preston - - | 9·0 | 12·5 | 15·2 | 14·3 |
| Derby - - | 15·4 | 11·9 | 9·5 | 14·9 | Salford - - - | 18·4 | 17·2 | 19·3 | 23·9 |
| Gateshead - | 18·6 | 18·1 | 12·6 | 19·6 | Sheffield - - | 17·0 | 16·1 | 17·6 | 16·1 |
| Halifax - | 12·9 | 14·0 | 15·6 | 11·3 | Sunderland - - | 22·8 | 21·4 | 18·1 | 17·0 |
| Huddersfield- | 11·2 | 9·7 | 13·7 | 10·7 | Swansea - - | 14·3 | 15·3 | 16·4 | 16·9 |
| Hull - - | 15·2 | 14·3 | 12·9 | 10·9 | West Ham - - | 12·6 | 16·6 | 12·7 | 12·4 |
| Leeds - - | 15·6 | 16·8 | 14·5 | 17·5 | Wolverhampton - | 19·0 | 11·3 | 17·2 | 16·0 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 2·1 in Plymouth, and 2·8 in Norwich; from *whooping-cough*, 1·1 in West Ham, 1·2 in Newcastle-on-Tyne, 1·3 in Preston, and 1·4 in Oldham; from "*fever*," 1·0 in Burnley; and from *diarrhœa*, 1·0 in Leicester and in Gateshead, 1·3 in West Ham, 1·5 in Swansea, 1·6 in Liverpool, 1·8 in Wolverhampton and in Sheffield, 1·9 in Leeds, 2·2 in Birmingham, 2·5 in Portsmouth, 2·9 in Salford, and 5·5 in Birkenhead. In no case did the death-rate from *scarlet fever* reach 1·0 per 1000 in any of the thirty-three towns. The 53 deaths from *diphtheria* included 29 in London, 6 in Leeds, 3 in West Ham, and 3 in Liverpool. No death from *small-pox* was registered in any of the thirty-three towns.

## LONDON.

In LONDON† 2505 BIRTHS and 1330 DEATHS were registered. Allowing for increase of population, the births were 116, and the deaths 380, below the average numbers in the corresponding weeks of the last ten

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

years. The annual death-rate per 1000 from all causes, which had been 14·5, 14·3, and 14·1 in the preceding three weeks, rose again last week to 15·4. During the four weeks ending on Saturday last the death-rate averaged 14·6 per 1000, being 3·6 per 1000 below the mean rate in the corresponding periods of the ten years 1888–97.

The 1330 deaths included 22 from measles, 8 from scarlet fever, 29 from diphtheria, 38 from whooping-cough, 8 from enteric fever, 69 from diarrhœa and dysentery, 2 from cholera and choleraic diarrhœa, and not one death from small-pox, from typhus, or from any ill-defined form of continued fever; thus, 176 deaths were referred to these diseases, being 226 below the corrected average weekly number.

The deaths from *measles*, which had been 48, 28, and 23 in the preceding three weeks, further fell last week to 22, and were 34 below the corrected average. The deaths from *scarlet fever*, which had been 12, 8, and 8 in the preceding three weeks, were again 8 last week, the corrected average being 20; 2 cases belonged to Hackney sanitary area. The deaths from *diphtheria*, which had been 29, 27, and 39 in the preceding three weeks, fell again last week to 29, and were 9 below the corrected average; 4 cases belonged to Lambeth, and 3 to Poplar sanitary areas. The deaths from *whooping-cough*, which had been 42, 41, and 40 in the preceding three weeks, further fell last week to 38, and were 4 below the corrected average; 6 cases belonged to Lambeth, and 4 to Greenwich sanitary areas. The fatal cases of *enteric fever*, which had been 10, 7, and 4 in the preceding three weeks, rose again last week to 8, the corrected average being 7. The deaths from *diarrhœa*, which had been 22, 25, and 52 in the preceding three weeks, further rose last week to 69, but were 162 below the corrected average. Of the 69 deaths from diarrhœa, 66 were of children under 5 years of age; 21 more deaths at this age-period were described as due to *gastro-enteritis*, and are included under enteritis in Table 4. The deaths referred to diseases of the respiratory organs, which had been 162, 160, and 175 in the preceding three weeks, fell again last week to 148, and were 31 below the corrected average. The deaths attributed directly to *influenza* numbered 8, having been 3, 5, and 8 in the preceding three weeks.

Different forms of violence caused 64 deaths, concerning all but 1 of which inquests were held. Of these 64 deaths, 6 were cases of suicide, and 2 of homicide, while the remaining 56 were attributed to accident or negligence. Five of these were referred to vehicles in the streets, 9 to drowning, and 14 (of infants under one year of age) to suffocation in bed.

### Cases of Infectious Sickness in Hospitals.*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2355 cases of scarlet fever, 1034 of diphtheria, and 85 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 276 cases, against 204, 237, and 265; of diphtheria, 151 cases, against 120, 155, and 156; and of enteric fever, 23 cases, against 8, 15, and 12.

### Greater London.

In Greater London 3464 births and 1704 deaths were registered, corresponding to annual rates of 28·2 and 13·9 per 1000 of the estimated population. In the Outer Ring 12 deaths from measles, 1 from scarlet fever, 11 from diphtheria, 7 from whooping-cough, 5 from "fever," and 23 from diarrhœa were registered. Four deaths from measles, 6 from diphtheria, 7 from whooping-cough, 3 from fever, and 9 from diarrhœa occurred in West Ham district; 4 deaths from diphtheria occurred in Hendon district.

### Meteorology.

The mean reading of the Barometer last week at Greenwich was 29·82 inches, and that of the Thermometer 62°·8, the latter being 0°·1 below the week's average in the 50 years 1841–90. The direction of the wind was variable, the horizontal movement of the air being 12 per cent. above the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 36·1 hours; the measured rainfall amounted to 0·45 of an inch.

* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Births, 23rd July 1898. | Deaths, 23rd July 1898. | Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6-12. | Highest. Fahrenheit. | Lowest. Fahrenheit. | Mean. Fahrenheit. | Mean. Centigrade. | Rainfall. In Inches. | Rainfall. In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18 | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| 33 Towns - | **11,218,378** | **6423** | **3356** | **997** | **706** | - | **70** | **25** | **53** | **93** | **26** | **220** | **140** | **268** | **782** | **29** | **15·6** | **2·3** | **81·0** | **40·0** | **60·4** | **15·78** | **0·31** | **0·79** | 33 Towns. |
| London - - | 4,504,766 | 2505 | 1330 | 385 | 313 | - | 22 | 8 | 29 | 38 | 8 | 69 | 64 | 127 | 434 | 6 | 15·4 | 2·0 | 81·0 | 44·6 | 62·8 | 17·11 | 0·45 | 1·14 | London. |
| West Ham - - | 286,654 | 146 | 68 | 24 | 11 | - | 3 | 1 | 3 | 6 | 3 | 7 | 1 | 1 | 8 | 1 | 12·4 | 4·2 | - | - | - | - | - | - | West Ham. |
| Croydon - - | 124,427 | 59 | 11 | 3 | 2 | - | - | - | - | - | - | 2 | - | 1 | 4 | - | 4·6 | 0·8 | 80·0 | 46·0 | 62·4 | 16·89 | 0·29 | 0·74 | Croydon. |
| Brighton - - | 122,310 | 52 | 36 | 7 | 13 | - | - | - | - | - | - | 2 | 2 | 4 | 10 | 1 | 15·3 | 0·9 | 76·2 | 47·2 | 61·6 | 16·44 | 0·18 | 0·46 | Brighton. |
| Portsmouth - | 186,618 | 107 | 58 | 24 | 13 | - | 1 | - | 2 | - | - | 9 | 1 | 1 | 8 | - | 16·2 | 3·4 | 78·0 | 51·0 | 62·5 | 16·94 | 0·08 | 0·20 | Portsmouth. |
| Plymouth - - | 99,136 | 65 | 32 | 5 | 10 | - | 4 | - | - | - | - | 2 | 1 | 4 | 5 | - | 16·8 | 3·2 | - | - | - | - | - | - | Plymouth. |
| Bristol - - | 316,900 | 168 | 75 | 22 | 22 | - | 1 | 1 | - | 1 | - | 3 | 1 | 8 | 9 | - | 12·3 | 1·0 | 73·0 | 49·0 | 59·4 | 15·22 | 0·39 | 0·99 | Bristol. |
| Cardiff - - | 177,770 | 100 | 39 | 12 | 5 | - | - | - | - | - | - | 3 | - | 1 | 2 | - | 11·4 | 0·9 | - | - | - | - | - | - | Cardiff. |
| Swansea - - | 102,001 | 49 | 33 | 14 | 7 | - | - | - | 1 | - | - | 3 | 3 | 4 | 4 | 1 | 16·9 | 2·0 | - | - | - | - | - | - | Swansea. |
| Wolverhampton | 88,051 | 67 | 27 | 9 | 6 | - | 1 | - | 1 | - | - | 3 | 1 | 2 | 3 | - | 16·0 | 3·0 | 74·7 | 47·3 | 59·4 | 15·22 | 0·26 | 0·66 | Wolverhampton. |
| Birmingham - | 510,343 | 327 | 168 | 64 | 27 | - | 6 | 2 | 2 | 3 | - | 22 | 4 | 7 | 39 | 3 | 17·2 | 3·6 | - | - | - | - | - | - | Birmingham. |
| Norwich - - | 111,689 | 66 | 35 | 12 | 5 | - | 6 | - | - | 2 | - | - | 1 | 2 | 6 | - | 16·3 | 3·7 | - | - | - | - | - | - | Norwich. |
| Leicester - - | 208,662 | 120 | 57 | 23 | 10 | - | - | 1 | 1 | - | - | 4 | 6 | 9 | 11 | 1 | 14·2 | 1·5 | - | - | - | - | - | - | Leicester. |
| Nottingham - | 236,137 | 109 | 51 | 9 | 13 | - | - | - | - | - | 1 | 1 | 3 | 4 | 6 | - | 11·3 | 0·4 | 76·5 | 46·5 | 59·9 | 15·50 | 0·36 | 0·91 | Nottingham. |
| Derby - - - | 104,834 | 68 | 30 | 8 | 5 | - | 1 | 1 | - | 1 | 1 | 1 | 3 | 3 | 9 | - | 14·9 | 2·5 | - | - | - | - | - | - | Derby. |
| Birkenhead - | 113,189 | 75 | 41 | 19 | 7 | - | - | 1 | 2 | - | - | 12 | 1 | 3 | 1 | - | 18·9 | 6·9 | - | - | - | - | - | - | Birkenhead. |
| Liverpool - - | 633,645 | 415 | 257 | 65 | 48 | - | 5 | 3 | 3 | 9 | 4 | 19 | 14 | 18 | 63 | 6 | 21·1 | 3·5 | 69·6 | 51·3 | 58·8 | 14·89 | 0·08 | 0·20 | Liverpool. |
| Bolton - - | 122,495 | 72 | 30 | 5 | 5 | - | - | 1 | - | - | - | - | 1 | 6 | 4 | - | 12·8 | 0·4 | - | - | - | - | - | - | Bolton. |
| Manchester - | 539,079 | 338 | 182 | 42 | 39 | - | 6 | 1 | - | 7 | 1 | 5 | 6 | 12 | 50 | 1 | 17·6 | 1·9 | - | - | - | - | - | - | Manchester. |
| Salford - - | 215,702 | 134 | 99 | 42 | 12 | - | 1 | 1 | - | 3 | - | 12 | 3 | 6 | 14 | - | 23·9 | 4·1 | - | - | - | - | - | - | Salford. |
| Oldham - - | 148,288 | 84 | 38 | 7 | 9 | - | 1 | - | - | 4 | - | 2 | 1 | 1 | 2 | - | 13·4 | 2·5 | - | - | - | - | - | - | Oldham. |
| Burnley - - | 109,546 | 58 | 26 | 9 | 3 | - | - | - | - | - | 2 | - | - | 1 | 4 | 1 | 12·4 | 1·0 | - | - | - | - | - | - | Burnley. |
| Blackburn - - | 133,228 | 59 | 38 | 9 | 5 | - | - | - | - | - | 1 | 2 | 3 | 3 | 6 | 1 | 14·9 | 1·2 | - | - | - | - | - | - | Blackburn. |
| Preston - - | 116,356 | 97 | 32 | 8 | 9 | - | - | - | - | 3 | 2 | 2 | 1 | 1 | 3 | 1 | 14·3 | 3·1 | - | - | - | - | - | - | Preston. |
| Huddersfield - | 102,454 | 36 | 21 | 3 | 6 | - | - | - | - | - | - | - | 1 | 2 | 3 | - | 10·7 | - | 73·0 | 44·5 | 57·2 | 14·00 | 0·77 | 1·96 | Huddersfield. |
| Halifax - - | 96,729 | 43 | 21 | 1 | 7 | - | - | - | - | - | - | - | - | - | 2 | - | 11·3 | - | - | - | - | - | - | - | Halifax. |
| Bradford - - | 233,737 | 118 | 65 | 16 | 14 | - | 4 | - | - | 1 | - | - | 1 | 2 | 6 | - | 14·5 | 1·1 | 75·3 | 49·8 | 61·7 | 16·50 | 0·47 | 1·19 | Bradford. |
| Leeds - - - | 416,618 | 244 | 140 | 57 | 22 | - | 3 | 2 | 6 | 2 | 1 | 15 | 5 | 9 | 8 | 2 | 17·5 | 3·6 | - | - | - | - | - | - | Leeds. |
| Sheffield - - | 356,478 | 210 | 110 | 32 | 21 | - | 1 | - | 1 | 5 | - | 12 | 3 | 6 | 19 | 3 | 16·1 | 2·8 | - | - | - | - | - | - | Sheffield. |
| Hull - - - | 229,887 | 142 | 48 | 16 | 7 | - | 1 | - | - | - | - | 3 | 2 | 2 | 10 | - | 10·9 | 0·9 | 74·0 | 40·0 | 58·2 | 14·56 | 0·11 | 0·28 | Hull. |
| Sunderland - | 143,849 | 89 | 47 | 14 | 7 | - | - | 1 | - | 2 | - | 2 | 2 | 4 | 4 | - | 17·0 | 1·8 | - | - | - | - | - | - | Sunderland. |
| Gateshead - - | 103,775 | 82 | 39 | 8 | 11 | - | 1 | 1 | - | 1 | - | 2 | 1 | 4 | 5 | - | 19·6 | 2·5 | - | - | - | - | - | - | Gateshead. |
| Newcastle - - | 223,021 | 124 | 72 | 23 | 12 | - | 2 | - | 2 | 5 | 2 | 1 | 4 | 10 | 20 | 1 | 16·8 | 2·8 | - | - | - | - | - | - | Newcastle. |

* See note * on first page of this return.

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the TWENTY-NINTH Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2385 | 2627 | 2346 | 2504 | 2541 | 2498 | 2423 | 2557 | 2429 | 2601 | 2621·4 | 2505 |
| Males - - | 1242 | 1341 | 1230 | 1293 | 1337 | 1280 | 1262 | 1307 | 1203 | 1366 | 1353·4 | 1256 |
| Females - | 1143 | 1286 | 1116 | 1211 | 1204 | 1218 | 1161 | 1250 | 1226 | 1235 | 1268·0 | 1249 |
| TOTAL **Deaths** - | 1297 | 1556 | 1522 | 1462 | 1554 | 1855 | 1405 | 1996 | 1891 | 1708 | 1709·6 | 1330 |
| Males - - | 681 | 816 | 805 | 782 | 788 | 1000 | 744 | 1037 | 999 | 921 | 902·2 | 713 |
| Females - - | 616 | 740 | 717 | 680 | 766 | 855 | 661 | 959 | 892 | 787 | 807·4 | 617 |

The numbers in this column are the average weekly numbers in the twenty-ninth week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | Apr. 30. | May 7. | May 14. | May 21. | May 28. | June 4. | June 11. | June 18. | June 25. | July 2. | July 9. | July 16. | July 23. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** - - - | 2522 | 2449 | 2425 | 2285 | 2569 | 2199 | 2646 | 2532 | 2385 | 2475 | 2502 | 2502 | 2505 |
| TOTAL **Deaths** - - - | 1485 | 1464 | 1356 | 1360 | 1385 | 1392 | 1411 | 1193 | 1257 | 1256 | 1232 | 1214 | 1330 |
| Ages at Death: Under 1 year - - | 346 | 297 | 288 | 322 | 339 | 259 | 294 | 276 | 306 | 305 | 301 | 305 | 385 |
| 1—5 years - - | 265 | 272 | 206 | 215 | 202 | 225 | 200 | 155 | 167 | 173 | 142 | 157 | 152 |
| 5—20 " - - | 80 | 60 | 71 | 86 | 83 | 94 | 83 | 68 | 74 | 86 | 63 | 78 | 79 |
| 20—40 " - - | 181 | 198 | 200 | 176 | 167 | 173 | 192 | 170 | 187 | 181 | 171 | 179 | 152 |
| 40—60 " - - | 283 | 276 | 268 | 271 | 246 | 281 | 288 | 259 | 244 | 248 | 281 | 220 | 249 |
| 60—80 " - - | 274 | 300 | 259 | 247 | 293 | 294 | 302 | 225 | 228 | 227 | 223 | 220 | 254 |
| 80 year and upwards | 56 | 52 | 64 | 43 | 55 | 66 | 52 | 40 | 51 | 36 | 51 | 55 | 59 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox - - - - | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Measles - - - - - | 107 | 99 | 76 | 82 | 74 | 68 | 74 | 50 | 43 | 48 | 28 | 23 | 22 |
| Scarlet Fever - - - | 13 | 10 | 11 | 16 | 6 | 17 | 10 | 10 | 8 | 12 | 8 | 8 | 8 |
| Diphtheria - - - - | 39 | 27 | 20 | 31 | 27 | 30 | 23 | 26 | 21 | 29 | 27 | 39 | 29 |
| Whooping-cough - - - | 70 | 52 | 48 | 47 | 59 | 45 | 51 | 44 | 39 | 42 | 41 | 40 | 38 |
| Typhus - - - - - | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Enteric Fever - - - | 7 | 5 | 7 | 1 | 6 | 3 | 4 | 4 | 4 | 10 | 7 | 4 | 8 |
| Simple Continued Fever - | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Diarrhœa and Dysentery .. | 10 | 13 | 8 | 16 | 10 | 17 | 22 | 12 | 17 | 22 | 25 | 52 | 69 |
| Cholera - - - - - | – | – | – | – | – | – | – | – | – | – | – | 3 | 2 |
| All the above Diseases - | 246 | 206 | 170 | 193 | 182 | 180 | 184 | 146 | 132 | 163 | 136 | 169 | 176 |
| Dis. of Respiratory System - | 274 | 226 | 232 | 177 | 216 | 226 | 212 | 185 | 171 | 162 | 160 | 175 | 148 |
| Phthisis - - - - - | 153 | 158 | 168 | 159 | 134 | 126 | 156 | 134 | 140 | 149 | 150 | 126 | 148 |
| Dis. of Circulatory System - | 131 | 116 | 114 | 141 | 120 | 141 | 124 | 87 | 92 | 111 | 107 | 91 | 119 |
| Violence - - - - | 61 | 61 | 58 | 65 | 63 | 77 | 88 | 53 | 71 | 56 | 56 | 55 | 64 |
| Inquest Cases - - - - | 142 | 130 | 122 | 108 | 154 | 150 | 166 | 106 | 112 | 126 | 112 | 119 | 127 |
| Deaths in Public Institutions - | 447 | 440 | 431 | 449 | 438 | 451 | 430 | 395 | 418 | 397 | 404 | 367 | 434 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean - - - - - - | 48°·3 | 51°·9 | 50°·7 | 49°·0 | 54°·7 | 51°·9 | 60°·2 | 55°·2 | 60°·5 | 59°·3 | 60°·0 | 61°·9 | 62°·8 |
| Mean of Highest readings - | 57·5 | 59·9 | 59·0 | 56·7 | 64·8 | 61·2 | 70·6 | 63·5 | 70·5 | 69·3 | 70·1 | 73·4 | 74·2 |
| Mean of Lowest readings - | 40·4 | 44·8 | 44·7 | 42·8 | 46·7 | 44·6 | 50·8 | 48·3 | 53·1 | 51·6 | 52·0 | 50·9 | 54·2 |
| Humidity of the Air - - | 81 | 75 | 76 | 82 | 76 | 76 | 78 | 76 | 74 | 75 | 71 | 68 | 74 |
| Rain-fall (in inches) - - | 0·49 | 0·58 | 0·54 | 0·78 | 0·40 | 0·61 | 0·32 | 0·01 | 0·47 | 0·84 | 0·00 | 0·02 | 0·45 |
| Registered Sunshine (in hours) | 23·9 | 36·6 | 30·8 | 32·2 | 37·0 | 26·4 | 41·1 | 32·3 | 39·3 | 45·6 | 40·4 | 52·0 | 36·1 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox - - - - - | – | – | – | – | – | 1 | 1 | 1 | – | – | – | – | – |
| Scarlet Fever - - - - | 2302 | 2271 | 2247 | 2241 | 2195 | 2207 | 2169 | 2194 | 2238 | 2205 | 2250 | 2314 | 2355 |
| Diphtheria - - - - | 930 | 942 | 948 | 953 | 923 | 973 | 1001 | 1018 | 999 | 976 | 1013 | 1033 | 1034 |
| Enteric Fever - - - - | 59 | 54 | 57 | 55 | 54 | 55 | 44 | 47 | 52 | 53 | 62 | 68 | 85 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton: A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and J. Boobbyer Esq., M.B., Nottingham: E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.

ABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-NINTH Week of the Year 1898.

| USES OF DEATH. | Corrected Averages for the 29th Week of the 10 years 1888-97*. | In the Week ending Saturday, 23rd July 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| AUSES - - - | 1709·6 | 1330 | 385 | 152 | 79 | 152 | 249 | 254 | 59 |
| - Vaccinated† - | 0·5 | - | - | - | - | - | - | - | - |
| - Unvaccinated | 0·8 | - | - | - | - | - | - | - | - |
| - No Statement | 0·3 | - | - | - | - | - | - | - | - |
| s - - - - | 55·5 | 22 | 9 | 12 | 1 | - | - | - | - |
| Fever - - - | 20·1 | 8 | - | 7 | 1 | - | - | - | - |
| s - - - - | 0·2 | - | - | - | - | - | - | - | - |
| ing Fever - - | 0·1 | - | - | - | - | - | - | - | - |
| nza - - - - | 4·5 | 8 | 1 | - | 1 | 1 | 1 | 4 | - |
| ping-cough - - | 41·7 | 38 | 18 | 19 | 1 | - | - | - | - |
| heria - - - | 37·7 | 29 | 2 | 17 | 10 | - | - | - | - |
| Continued and efined Fever - | 0·4 | - | - | - | - | - | - | - | - |
| c Fever - - - | 6·5 | 8 | - | - | 1 | 5 | 2 | - | - |
| a and Chol. Diarr. | 6·8 | 2 | - | 1 | - | - | 1 | - | - |
| œa, Dysentery - | 231·3 | 69 | 57 | 9 | - | - | - | 3 | - |
| ent Fever - - | - | - | - | - | - | - | - | - | - |
| phobia - - - | 0·1 | - | - | - | - | - | - | - | - |
| rs - - - - | 0·1 | - | - | - | - | - | - | - | - |
| x and Effects of nation - - | - | - | - | - | - | - | - | - | - |
| al Affections - - | 12·8 | 11 | 4 | 1 | 1 | 2 | 3 | - | - |
| elas - - - | 3·4 | 2 | - | - | - | 1 | - | 1 | - |
| a and Septicæmia | 1·3 | - | - | - | - | - | - | - | - |
| ral Fever - - | 4·4 | 4 | - | - | - | 2 | 2 | - | - |
| Zymotic Diseases | 1·1 | 1 | - | 1 | - | - | - | - | - |
| - - - - - | 1·6 | 1 | 1 | - | - | - | - | - | - |
| and other Para- l Diseases - | 0·4 | - | - | - | - | - | - | - | - |
| ion, Want of st-milk - - | 2·1 | 1 | 1 | - | - | - | - | - | - |
| lism - - - | 8·8 | 12 | - | - | - | 5 | 3 | 3 | 1 |
| atic Fever, matism of Heart | 6·7 | 6 | - | - | 2 | - | 4 | - | - |
| atism - - - | 1·3 | - | - | - | - | - | - | - | - |
| - - - - | 2·6 | 2 | - | - | - | - | 1 | - | 1 |
| s - - - - | 6·9 | 9 | 1 | 6 | 2 | - | - | - | - |
| - - - - | 68·6 | 83 | - | - | 3 | 1 | 38 | 38 | 3 |
| Mesenterica - - | 41·1 | 16 | 9 | 4 | 1 | - | 1 | 1 | - |
| ular Meningitis - | 26·0 | 25 | 5 | 14 | 6 | - | - | - | - |
| s - - - - | 143·3 | 148 | 2 | 4 | 8 | 62 | 61 | 11 | - |
| a, Tuberculosis - | 23·0 | 19 | 9 | 3 | 4 | 3 | - | - | - |
| Constitutional ses - - | 10·6 | 8 | 2 | - | - | - | - | 6 | - |
| ure Birth - - | 52·9 | 46 | 46 | - | - | - | - | - | - |
| asis - - - | 3·7 | - | - | - | - | - | - | - | - |
| ital Malforma- - - - | 8·9 | 6 | 5 | 1 | - | - | - | - | - |
| e - - - - | 34·9 | 47 | - | - | - | - | - | 22 | 25 |
| xy - - - | 37·1 | 27 | - | - | - | - | 4 | 18 | 5 |
| y - - - - | 7·2 | 1 | - | - | 1 | - | - | - | - |
| sions - - - | 49·7 | 30 | 27 | 2 | - | 1 | - | - | - |
| Diseases of Brain Nervous System | 86·8 | 73 | 8 | 11 | 4 | 8 | 18 | 17 | 7 |
| s of Organs of al Sense - | 3·8 | 2 | - | - | - | 1 | - | 1 | - |

| CAUSES OF DEATH | Corrected Averages for the 29th Week of the 10 years 1888-97*. | In the Week ending Saturday, 23rd July 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 115·3 | 119 | 3 | - | 11 | 19 | 34 | 45 | 7 |
| Croup - - - - | 3·4 | 1 | 1 | - | - | - | - | - | - |
| Bronchitis - - - | 79·8 | 54 | 24 | 7 | 1 | - | 4 | 17 | 1 |
| Pneumonia - - - | 73·3 | 73 | 20 | 20 | 3 | 9 | 10 | 11 | - |
| Pleurisy - - - - | 4·2 | 2 | - | - | - | - | 1 | 1 | - |
| Other Diseases of Respiratory System - | 17·8 | 18 | 1 | 2 | - | 2 | 6 | 5 | 2 |
| Dentition - - - - | 12·5 | 15 | 12 | 3 | - | - | - | - | - |
| Quinsy, Sore Throat - | 1·8 | - | - | - | - | - | - | - | - |
| Enteritis - - - - | 58·4 | 38 | 31 | 2 | 1 | 1 | 1 | 2 | - |
| Peritonitis - - - | 7·9 | 5 | - | - | 1 | 1 | 3 | - | - |
| Diseases of Liver - - | 28·8 | 21 | 4 | - | - | 6 | 5 | 6 | - |
| Other Diseases of Digestive System | 39·0 | 44 | 10 | - | 1 | 4 | 8 | 18 | 3 |
| Diseases of Lymphatic System & of Ductless Glands - - - | 2·1 | 3 | - | - | 1 | 1 | 1 | - | - |
| Diseases of Urinary System - - - | 42·7 | 40 | - | - | 1 | 6 | 14 | 16 | 3 |
| Diseases of Generative System - - - | 4·9 | 4 | - | - | 1 | - | 3 | - | - |
| Accidents of Childbirth - | 4·2 | 2 | - | - | - | 1 | 1 | - | - |
| Diseases of Locomotive System - - - | 6·5 | 4 | 1 | - | - | 1 | 2 | - | - |
| Diseases of Integumentary System - - | 5·2 | 3 | 2 | - | - | - | 1 | - | - |
| VIOLENT DEATHS‡ | | | | | | | | | |
| (ACCIDENT.) | | | | | | | | | |
| By Railways - - - | 52·0 | 1 | - | - | 1 | - | - | - | - |
| By Vehicles or Horses - | | 5 | - | - | 2 | 1 | 1 | 1 | - |
| In Ships, Boats, Docks. (exclusive of Drowning) - - - | | - | - | - | - | - | - | - | - |
| In Building Operations - | | 4 | - | - | - | 1 | 3 | - | - |
| In Conflagrations - - | | - | - | - | - | - | - | - | - |
| By Burns, Scalds, Explosions - - | | 6 | 1 | 4 | - | - | - | 1 | - |
| By Drowning - - - | | 9 | 1 | - | 4 | 2 | 1 | 1 | - |
| By Suffocation in Bed - | | 14 | 14 | - | - | - | - | - | - |
| By Poisons or Poisonous Vapours - - | | 4 | - | 1 | - | - | 3 | - | - |
| Other or not stated causes - - - - | | 13 | 5 | - | 1 | 1 | 3 | 2 | 1 |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - | 1·9 | 2 | - | - | - | 1 | 1 | - | - |
| Suicide - - - - | 9·5 | 6 | - | - | 1 | 2 | 3 | - | - |
| Execution - - - | 0·1 | - | - | - | - | - | - | - | - |
| OTHER CAUSES - - | 80·7 | 56 | 48 | 1 | 2 | 1 | 1 | 3 | - |

numbers in this column are the average weekly deaths for the ten years 1888-97, raised by 5·230 per cent. for increase ulation.

y those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered l men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the f death is not certified by a registered practitioner, the case is returned under the heading "no statement."

evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of nt, murder manslaughter or suicide All such cases are classed under "accident.'

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEAS SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in SUB-DISTRICT during the Week ending Saturday, 23rd July, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Continued Simple Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2505 | 1330 | 385 | 313 | – | 22 | 8 | 29 | 38 | – | 8 | – | 69 | 64 | 127 | 434 |
| WEST DISTRICTS - - - | 778,251 | 398 | 235 | 74 | 66 | – | 1 | 1 | 2 | 6 | – | 1 | – | 13 | 12 | 23 | 84 |
| NORTH DISTRICTS - - - | 1,040,694 | 537 | 272 | 71 | 64 | – | 4 | 1 | 7 | 5 | – | 3 | – | 17 | 14 | 25 | 76 |
| CENTRAL DISTRICTS - - - | 233,635 | 126 | 85 | 21 | 16 | – | 1 | – | 2 | 5 | – | 1 | – | 2 | 3 | 9 | 33 |
| EAST DISTRICTS - - - | 716,334 | 488 | 246 | 92 | 49 | – | 9 | – | 3 | 2 | – | – | – | 17 | 12 | 29 | 71 |
| SOUTH DISTRICTS - - - | 1,642,796 | 956 | 456 | 127 | 105 | – | 7 | 4 | 15 | 20 | – | 3 | – | 20 | 22 | 40 | 134 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | -- | – | 36 | – | 13 | – | – | 2 | – | – | – | – | – | – | 1 | 1 | 36 |
| WEST DISTRICTS. | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 42 | 13 | 3 | 5 | – | – | – | 1 | 1 | – | – | – | – | – | – | 5 |
| St. John Paddington *H* - - G. | 33,510 | 5 | 13 | – | 6 | – | – | – | – | – | – | – | – | – | 1 | 3 | 9 |
| Kensington Town *Ww* - - W. | 122,164 | 63 | 43 | 12 | 18 | – | 1 | – | – | 1 | – | – | – | – | 1 | 1 | 16 |
| Brompton *HH*- - - W & C. | 48,301 | 17 | 12 | 4 | 4 | – | – | – | – | – | – | – | – | 1 | 1 | 2 | 2 |
| St. Peter Hammersmith - - W. | 9,097 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| St. Paul Hammersmith *HH* W & G. | 35,102 | 63 | 24 | 6 | 9 | – | – | – | – | – | – | – | – | 1 | 2 | 4 | 6 |
| Fulham *Ww* - - - W. & C. | 113,781 | 83 | 58 | 27 | 10 | – | – | 1 | 1 | 1 | – | 1 | – | 7 | 1 | 3 | 13 |
| Chelsea Kensal Town - C. | 21,450 | 15 | 3 | 1 | – | – | – | – | – | 1 | – | – | – | – | – | – | – |
| Chelsea North *WHHHHH* - C. | 42,057 | 19 | 14 | 2 | 3 | – | – | – | – | 1 | – | – | – | 1 | – | – | 1 |
| Chelsea South *HH* - - C. | 33,139 | 13 | 5 | 2 | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 | 1 |
| May Fair *W* - - - - G. | 23,827 | 6 | 15 | 1 | 6 | – | – | – | – | – | – | – | – | 1 | 1 | 2 | 10 |
| Belgrave *WHHH* - - - C. | 56,140 | 32 | 14 | 5 | 2 | – | – | – | – | – | – | – | – | – | 2 | 3 | 7 |
| St. John Westminster *HH* - C. | 31,492 | 17 | 8 | 6 | – | – | – | – | – | – | – | – | – | 1 | – | – | – |
| St. Margaret Westminster *H*- C. | 22,097 | 4 | 6 | – | 2 | – | – | – | – | – | – | – | – | – | 2 | 4 | 3 |
| St. James Westminster *WHH* N. & G. | 23,050 | 8 | 7 | 5 | – | – | – | – | – | 1 | – | – | – | 1 | – | – | 1 |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 8 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| NORTH DISTRICTS. | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - W. | 36,595 | 14 | 11 | 1 | 2 | – | – | – | – | – | – | – | – | – | 1 | 1 | 4 |
| Rectory Marylebone *W* G. & W. | 19,798 | 5 | 3 | – | 2 | – | – | – | – | – | – | – | – | – | – | 1 | 1 |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 28 | 3 | 1 | 2 | – | – | – | – | – | – | – | – | – | 1 | – | – |
| Christchurch Marylebone *H* - W | 32,547 | 12 | 4 | 1 | – | – | – | – | – | – | – | – | – | – | – | 2 | – |
| St. John Marylebone *HHH* W. | 32,611 | 17 | 5 | 3 | – | – | – | – | – | – | – | – | – | 1 | – | 1 | – |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 20 | 15 | 3 | 4 | – | – | 1 | 1 | – | – | 1 | – | – | 1 | 1 | 5 |
| Regent's Park Pancras *HH* - W. | 37,341 | 21 | 4 | – | – | – | – | – | – | – | – | – | – | – | – | – | 1 |
| Tottenham-court *wHHHH* - N. & W. | 26,757 | 7 | 13 | 4 | 1 | – | – | – | – | 2 | – | 1 | – | 1 | – | 1 | 9 |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 8 | 7 | 1 | 1 | – | – | – | – | – | – | – | – | 1 | – | – | 3 |
| Somers Town *HH* - - - N. | 32,161 | 23 | 11 | 5 | 1 | – | – | – | – | – | – | – | – | 4 | 3 | 3 | 1 |
| Camden Town *WH* - - N. | 16,669 | 10 | 8 | 3 | 2 | – | – | – | – | – | – | – | – | – | 1 | 1 | 7 |
| Kentish Town *WW* - - N. | 98,410 | 47 | 33 | 9 | 10 | – | 1 | – | – | 1 | – | – | – | 1 | – | – | 7 |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 57 | 39 | 8 | 12 | – | – | – | – | – | – | 1 | – | 1 | 2 | 3 | 19 |
| Islington South-west H - N. | 107,365 | 57 | 26 | 8 | 9 | – | 1 | – | – | 1 | – | – | – | 1 | – | 1 | – |
| Islington South-east - - N. | 66,549 | 36 | 11 | 3 | 3 | – | 1 | – | – | – | – | – | – | – | 1 | 2 | – |
| Highbury *HH* - - - N. | 64,577 | 35 | 6 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – | – |
| Stoke Newington *H* - N. | 33,485 | 19 | 10 | 1 | 2 | – | – | – | – | – | – | – | – | – | 1 | 1 | – |
| North Hackney - - E. & N. | 213,044 | 17 | 9 | 2 | 3 | – | – | – | – | – | – | – | – | – | 1 | 1 | – |
| Central Hackney *ww* - E. & N. | | 22 | 12 | 2 | 2 | – | – | – | 5 | – | – | – | – | 1 | – | 1 | 5 |
| South-west Hackney *HHH* E. & N. | | 44 | 18 | 5 | 4 | – | 1 | – | – | – | – | – | – | – | 2 | 4 | 8 |
| South-east Hackney *WwH* E.&N. | | 38 | 24 | 10 | 2 | – | – | – | 1 | 1 | – | – | – | 6 | – | 1 | 6 |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated there namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junct Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River E. London; and K. the Kent Company.

* See note † on first page of this Return.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH. FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday, 23rd July, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population. 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CENTRAL DISTRICTS. | | | | | | | | | | | | | | | | | | |
| St. George Bloomsbury - - N. | 16,110 | 4 | 6 | 3 | 1 | - | - | - | - | 1 | - | - | - | - | - | 1 | - | - |
| St. Giles South *WH* - - - N. | 12,976 | 16 | 5 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - |
| St Giles North *H* - - - N. | 9,151 | 3 | 4 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| St. Martin-in-the-Fields *HH* N. & C. | 13,077 | 3 | 8 | - | 2 | - | - | - | - | 1 | - | - | - | - | 1 | 1 | 6 | - |
| Strand *WHH* - - - - N. | 11,839 | 9 | 6 | - | 1 | - | - | - | - | - | - | - | - | - | - | 1 | 6 | - |
| *Strand Union Workhouse, Edmonton* | †1,037 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Holborn *wHHHHHHH* - N. | 31,042 | 14 | 15 | 6 | 2 | - | - | - | 2 | - | - | - | - | 1 | - | 2 | 8 | - |
| St. James Clerkenwell - - N. | 15,777 | 10 | 3 | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| Amwell Clerkenwell - - N. | 34,356 | 23 | 7 | 3 | 2 | - | - | - | - | 2 | - | - | - | - | - | 1 | - | - |
| Goswell-street - - - - N. | 16,069 | 11 | 7 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| City-road *HHHL* - - - N. | 29,897 | 27 | 12 | 4 | 2 | - | - | - | - | 1 | - | - | - | 1 | 1 | 1 | 3 | - |
| Whitecross-street - - - N. | 7,595 | 4 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Finsbury - - - - - N. | 4,035 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| *Holborn Union Workhouse, Mitcham* - - - - | †892 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Botolph *H* - - N. & E. | 6,870 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Cripplegate - - - - N. | 3,299 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Sepulchre *WH* - - - N. | 9,591 | - | 8 | - | 2 | - | - | - | - | - | - | 1 | - | - | - | - | 6 | - |
| Allhallows Barking - - - N. | 9,059 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - |
| Broad Street *H* - - - N. | 2,892 | 1 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| *City of London Asylum, Stone* - - | †388 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| EAST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| Shoreditch South *Hl* - E. & N. | 17,975 | 13 | 4 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Hoxton New Town *w* - - N. | 29,575 | 27 | 17 | 8 | 4 | - | - | - | - | - | - | - | - | 2 | 1 | 1 | 6 | - |
| Hoxton Old Town - - - N. | 27,645 | 21 | 7 | 4 | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - |
| Haggerston *WH* - - N. & E. | 47,163 | 36 | 15 | 6 | 1 | - | 1 | - | - | - | - | - | - | - | 2 | 2 | 2 | - |
| Bethnal Green North *H* - E. | 49,301 | 36 | 5 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Bethnal Green South - - E. | 34,194 | 23 | 6 | 4 | - | - | 1 | - | - | - | - | - | - | 1 | - | - | - | - |
| Bethnal Green East *WHl* - E. | 45,667 | 44 | 19 | 4 | 7 | - | - | - | - | - | - | - | - | - | - | 2 | 13 | - |
| Spitalfields - - - E. & N. | 26,681 | 15 | 6 | 1 | 2 | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - |
| Mile End New Town *W* - E. | 12,816 | 8 | 11 | 2 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | 8 | - |
| Whitechapel Church *H* - E. & N. | 25,561 | 19 | 13 | 4 | 2 | - | - | - | 1 | - | - | - | - | - | 3 | 4 | 10 | - |
| Goodman's Fields - - - E. | 13,618 | 5 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. George's North - - - E. | 39,576 | 28 | 12 | 6 | 2 | - | - | - | 1 | - | - | - | - | 1 | - | 2 | - | - |
| St. John, St. George East *W* E. | 7,930 | 5 | 3 | 2 | - | - | - | - | - | - | - | - | - | 1 | - | - | 2 | - |
| Shadwell *H* - - - E. & N. | 10,434 | 9 | 14 | 8 | 2 | - | 1 | - | - | 1 | - | - | - | 1 | - | - | 7 | - |
| Ratcliff *W* - - - - E. | 14,954 | 5 | 7 | 1 | 2 | - | 2 | - | - | - | - | - | - | - | - | 2 | - | - |
| Limehouse - - - - - E. | 32,917 | 21 | 9 | 3 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| Mile End Old Town West *H* E. | 111,060 | 55 | 10 | 9 | - | - | - | - | - | - | - | - | - | 2 | - | - | - | - |
| Mile End Old Town East *WWww* - E. | | 24 | 24 | 5 | 8 | - | - | - | - | 1 | - | - | - | 4 | 1 | 3 | 10 | - |
| Bow *l* - - - - - E. | 41,687 | 32 | 14 | 6 | 2 | - | - | - | - | - | - | - | - | 1 | 1 | 3 | - | - |
| Bromley *wwwH* - - - E. | 69,821 | 39 | 36 | 13 | 9 | - | 1 | - | 1 | - | - | - | - | 3 | 3 | 8 | 12 | - |
| Poplar *WW* - - - - E. | 57,759 | 23 | 13 | 2 | 4 | - | 1 | - | - | - | - | - | - | - | - | 1 | - | - |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 23rd July, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WHL*.&S. | 13,064 | 10 | 3 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | |
| St. Saviour Southwark - - S. | 12,301 | 5 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Kent-road - - - - S. & L. | 22,879 | 12 | 9 | 6 | – | – | – | – | – | – | – | – | – | – | 1 | 1 | – | |
| Borough-road *WH* - S. & L | 16,083 | 14 | 12 | 4 | 1 | – | – | – | 1 | 3 | – | – | – | 1 | 1 | 2 | 9 | |
| London-road *HL* - - L. & S. | 21,316 | 10 | 7 | 3 | 2 | – | – | 1 | – | – | – | – | – | – | 1 | 2 | 1 | |
| Trinity Newington - - S. & L. | 28,723 | 15 | 7 | 3 | – | – | – | – | – | – | – | – | – | 1 | – | 1 | – | |
| St. Peter Walworth *W* - S. & L. | 62,045 | 26 | 9 | 4 | 1 | – | – | – | – | – | – | – | – | 2 | – | – | 1 | |
| St. Mary Newington- - L. & S. | 30,171 | 26 | 10 | 5 | 1 | – | – | – | – | 1 | – | – | – | 1 | – | 1 | – | |
| St. Olave *WH*- - - - S. | 11,731 | 2 | 17 | 2 | 3 | – | – | – | – | – | – | – | – | – | 4 | 4 | 13 | |
| Leather Market *W* - S & L. | 32,339 | 23 | 4 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| St. James Bermondsey - - S. | 53,136 | 52 | 10 | 1 | 2 | – | 2 | – | – | 1 | – | 1 | – | 1 | – | 1 | – | |
| Rotherhithe *WwH* - S. & K. | 40,379 | 20 | 13 | – | 3 | – | – | – | – | 1 | – | – | – | – | 1 | 1 | 9 | |
| Waterloo-road *HH* - L. & S. | 28,396 | 26 | 10 | 4 | 1 | – | – | – | – | – | – | – | – | – | 1 | 2 | 1 | |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 13 | 25 | 7 | 4 | – | – | – | – | 1 | – | – | – | 1 | 2 | 4 | 17 | |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 39 | 26 | 6 | 6 | – | 1 | – | – | 1 | – | – | – | 3 | 1 | 2 | 13 | |
| Kennington 1st *H* - - S. & L. | 52,486 | 27 | 15 | 4 | 3 | – | 1 | – | – | – | – | – | – | 1 | 1 | 2 | – | |
| Kennington 2nd - - S. & L. | 43,244 | 21 | 7 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | |
| Brixton *w* - - - L. & S. | 81,825 | 42 | 18 | 6 | 5 | – | – | – | 2 | 3 | – | – | – | – | – | – | 2 | |
| Norwood *WH*- - - - L. | 29,318 | 7 | 3 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | |
| East Battersea - - - - S. | 71,730 | 48 | 15 | 8 | 1 | – | – | – | – | – | – | – | – | 3 | – | 1 | – | |
| West Battersea *WwH* - - S | 93,385 | 52 | 31 | 7 | 9 | – | – | – | – | 1 | – | – | – | 1 | 1 | 2 | 8 | |
| Clapham *H* - - - - S. | 46,953 | 22 | 10 | 3 | 6 | – | – | – | – | – | – | – | – | – | – | 1 | 1 | |
| Wandsworth *WHHL* - - S. | 58,101 | 29 | 15 | 4 | 2 | – | 2 | – | – | – | – | 1 | – | – | – | – | 1 | |
| Putney - - - - - S. | 20,566 | 9 | 5 | 1 | – | – | – | – | – | – | – | – | – | 1 | – | – | – | |
| Streatham *Wwww* - - - L. | 61,644 | 23 | 5 | – | 2 | – | – | 1 | 1 | – | – | – | – | – | – | – | 2 | |
| Dulwich - - - - L. & S. | 7,519 | 3 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | |
| Camberwell *Wwll* - S. & L. | 90,286 | 44 | 41 | 6 | 13 | – | – | – | – | 1 | – | – | – | – | – | – | 26 | |
| Peckham *WW* - S., L., & K. | 88,242 | 55 | 15 | 6 | 6 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | |
| St. George Camberwell - L. & S. | 67,029 | 33 | 11 | 3 | 3 | – | – | – | – | 1 | – | – | – | – | – | – | – | |
| Deptford North - - - K. | 36,152 | 24 | 14 | 6 | 1 | – | – | – | – | 1 | – | – | – | 1 | 1 | 1 | – | |
| Deptford Central *w* - - K. | 45,441 | 41 | 9 | 4 | – | – | – | 1 | 4 | 1 | – | – | – | – | – | – | 5 | |
| Deptford South - - - K. | 33,402 | 11 | 1 | – | – | – | – | – | – | 1 | – | – | – | – | – | – | – | |
| Greenwich West *H* - - K. | 23,012 | 10 | 2 | 1 | – | – | – | – | 1 | – | – | – | – | 1 | – | – | – | |
| Greenwich East *WH* - - K. | 37 767 | 26 | 12 | 4 | 5 | – | – | – | – | 1 | – | – | – | – | 1 | 2 | 6 | |
| Eltham *wH* - - - - K. | 5,911 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Lee *H* - - - - - K. | 24,222 | 9 | 3 | 2 | – | – | – | – | – | – | – | 1 | – | 1 | – | – | – | |
| Lewisham *WwH* - - - K. | 38,139 | 28 | 20 | 4 | 4 | – | – | 1 | 5 | – | – | – | – | 1 | 1 | 1 | 12 | |
| Sydenham *H* - - - - L. | 37,601 | 17 | 6 | – | 2 | – | – | – | – | – | – | – | – | – | – | 1 | 1 | |
| Charlton *wHH* - - K. | 15,928 | 7 | 8 | – | 6 | – | – | – | 1 | – | – | – | – | – | 1 | 3 | 1 | |
| Woolwich Dockyard - - K. | 19,355 | 9 | 3 | 2 | – | – | – | – | – | 1 | – | – | – | – | 1 | 1 | – | |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 21 | 3 | – | 2 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | |
| Plumstead West *H* - - K. | 16,714 | 7 | 4 | 3 | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | |
| Plumstead East *WH* - - K. | 42,538 | 36 | 13 | 2 | 5 | – | 1 | – | – | 1 | – | – | – | – | – | 1 | 4 | |
| Banstead Asylum - - - - | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | 1 | |
| Caterham Asylum - - - - | — | – | 3 | – | 3 | – | – | – | – | – | – | – | – | – | 1 | 1 | 3 | |
| Cane Hill Asylum - - - - | — | – | 5 | – | 3 | – | – | – | – | – | – | – | – | – | – | – | 5 | |
| Hospital Ships and Camp, Dartford | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Darenth Asylum - - - - | — | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | 2 | |
| Hanwell Asylum - - - - | — | – | 6 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 6 | |
| Colney Hatch Asylum - | — | – | 5 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 5 | |
| N.E. Hospital - - - - | — | – | 2 | – | – | – | – | 2 | – | – | – | – | – | – | – | – | 2 | |
| Winchmore Hill Hospital - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Leavesden Asylum - - - - | — | – | 6 | – | 3 | – | – | – | – | – | – | – | – | – | – | – | 6 | |
| Claybury Asylum - - - - | — | – | 6 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 6 | |

LE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 23rd July, 1898.

| Registration District and Sub-District Numbers. | REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years & upwds. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON—OUTER RING - | | 368,749 | 1,422,063 | 959 | 374 | 100 | 96 | – | 12 | 1 | 11 | 7 | 5 | 23 | 13 | 21 | 47 | 7 |
| :1 | Carshalton *wHH* - - | 12,228 | 26,108 | 6 | 4 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Epsom, *part of** *WwHH* - | 10,423 | 12,508 | 7 | 6 | – | 2 | – | – | – | – | – | – | – | 1 | 1 | 3 | 1 |
| :1 | Godstone, *part of** *W* - | 2,754 | 1,598 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| :1 | Croydon *WwHHH* - - | 20,851 | 128,699 | 74 | 14 | 4 | 3 | – | – | – | – | – | – | 2 | – | 1 | 4 | – |
| 2 | Mitcham *w* - - - | 11,697 | 23,088 | 16 | 7 | 1 | 3 | – | – | – | – | – | – | – | – | – | – | 1 |
| :1 | Wimbledon *HHH* - - | 3,220 | 25,761 | 19 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Kingston *W* - - - | 8,071 | 33,566 | 21 | 15 | 3 | 7 | – | 2 | – | – | – | 1 | – | 2 | 3 | 5 | – |
| 3 | Surbiton *H*- - - - | | 11,199 | 2 | 2 | – | 1 | – | – | – | – | – | – | – | 1 | 1 | – | – |
| 4 | Esher, *part of** *HH* - - | 6,601 | 12,059 | 8 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 5 | Hampton *HL* - - - | 4,565 | 18,252 | 10 | 6 | 1 | 1 | – | – | – | – | – | 1 | – | – | – | – | – |
| :1 | Richmond *WH*- - - | 2,160 | 25,389 | 10 | 10 | 2 | 5 | – | 1 | – | – | – | – | – | – | – | – | – |
| 2 | Mortlake *H* - - - | 2,823 | 16,159 | 8 | 5 | 2 | 1 | – | – | – | – | – | – | 1 | – | – | – | – |
| :1 | Bromley *HHH* - - - | 9,127 | 23,815 | 16 | 2 | – | 1 | – | – | – | – | – | – | 1 | – | – | – | – |
| 2 | Beckenham *H* - - - | 6,542 | 21,969 | 12 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 14 | 6 | 2 | 4 | – | – | – | – | – | – | – | – | – | 3 | – |
| :1 | Bexley *HHH* - - - | 12,540 | 30,590 | 21 | 6 | – | 3 | – | – | – | – | – | – | – | – | 1 | – | – |
| 2 | Dartford *WH*, *part of** - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| :1 | Sunbury *w* - - - | 11,054 | 13,671 | 9 | 2 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Staines *WH* - - - | 13,277 | 13,221 | 4 | 3 | 1 | 2 | – | – | – | – | – | – | – | – | – | 1 | – |
| :1 | Hillingdon *WHH* - - | 6,035 | 12,237 | 6 | 7 | 1 | – | – | – | – | – | – | – | 1 | – | – | – | – |
| 2 | Uxbridge - - - - | 12,757 | 7,253 | 4 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Hayes *wH* - - - - | 7,952 | 11,051 | 7 | 5 | 1 | – | – | 1 | – | – | – | – | – | 1 | 1 | – | – |
| :1 | Isleworth *WHH* - - | 6,967 | 26,004 | 16 | 9 | 1 | 4 | – | – | – | – | – | – | – | – | – | 6 | – |
| 2 | Twickenham *HH* - - | 2,415 | 16,027 | 4 | 3 | 1 | 1 | – | 1 | – | – | – | – | – | – | – | – | – |
| 3 | Brentford *HHHH* - - | 4,318 | 37,777 | 18 | 9 | 1 | 5 | – | – | – | – | – | – | 1 | – | – | – | – |
| 4 | Chiswick - - - - | 1,245 | 21,963 | 7 | 5 | 1 | 1 | – | – | – | – | – | – | 1 | – | – | – | – |
| 5 | Acton *wHH* - - - | 6,132 | 30,945 | 27 | 13 | 7 | 3 | – | – | – | – | – | – | 2 | – | – | – | 1 |
| :1 | Harrow *HHH* - - - | 13,809 | 15,715 | 13 | 7 | 2 | 2 | – | 1 | – | – | – | – | – | – | – | – | 1 |
| 2 | Edgware *HH* - - - | 6,994 | 3,844 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Willesden *HHH* - - | 4,383 | 61,265 | 51 | 26 | 8 | 2 | – | 1 | – | 4 | – | – | 1 | 2 | 2 | 1 | 1 |
| 4 | Hendon *WH* - - - | 8,382 | 15,843 | 11 | 8 | 2 | 2 | – | – | – | – | – | – | – | – | – | 2 | – |
| :1 | South Mimms *HH* - - | 21,077 | 6,367 | 4 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Barnet *WHH* - - - | | 14,152 | 6 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Finchley *HHH*- - - | 4,688 | 25,820 | 17 | 2 | – | 1 | – | – | – | – | – | – | – | – | 1 | – | – |
| :1 | Hornsey *HH* - - - | 3,039 | 61,097 | 38 | 9 | 3 | 1 | – | – | – | – | – | – | – | 1 | 1 | – | – |
| 2 | Tottenham *HH*- - - | 4,642 | 97,174 | 79 | 18 | 4 | 5 | – | – | – | – | – | – | 1 | 2 | 4 | 1 | 1 |
| 3 | Edmonton *Www* - - | 7,489 | 36,351 | 24 | 13 | 2 | 4 | – | 1 | – | – | – | – | 1 | 1 | 1 | 3 | – |
| 4 | Enfield *WWHH* - - | 12,602 | 31,536 | 14 | 5 | 3 | 1 | – | – | – | – | – | – | 1 | – | – | 1 | – |
| 5 | Waltham Abbey - - - | 11,017 | 6,066 | 1 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 6 | Cheshunt *H* - - - | 8,480 | 9,620 | 6 | 3 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – |
| :1 | Hatfield, *part of** *W*- - | 3,306 | 582 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| :1 | Bushey *H* - - - - | 9,331 | 7,737 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Watford *WH*, *part of** - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| :1 | Stratford *H* - - - | 4,706 | 38,612 | 20 | 7 | 2 | – | – | – | – | – | 1 | 1 | – | 1 | 1 | 1 | – |
| 2 | Plaistow *WHHH* - - | | 58,030 | 52 | 26 | 6 | 4 | – | 2 | – | 4 | 2 | 1 | 2 | – | – | 4 | – |
| 3 | Canning Town *H* - - | | 54,750 | 43 | 20 | 9 | 2 | – | – | 1 | – | 2 | – | 2 | – | – | – | 1 |
| 4 | Forest Gate *w* - - - | | 53,511 | 31 | 12 | 6 | 3 | – | – | – | – | 1 | 1 | 2 | – | – | – | – |
| 5 | East Ham *wH*- - - | 3,266 | 32,713 | 59 | 10 | 4 | – | – | – | – | – | 1 | – | – | – | – | – | – |
| 6 | Leyton *WWWwH* - - | 4,334 | 70,188 | 50 | 23 | 5 | 7 | – | 1 | – | – | – | – | 2 | – | 1 | 10 | – |
| 7 | Walthamstow *HHL*- - | 6,501 | 57,330 | 45 | 16 | 6 | 3 | – | 1 | – | 2 | – | – | 1 | – | – | 1 | – |
| :1 | Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 9 | 4 | – | 1 | – | – | – | 1 | – | – | 1 | – | – | – | – |
| 2 | Epping *WH*, *part of** - - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| :1 | Romford, *part of** *WH* - | 6,556 | 4,324 | 2 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Ilford - - - - - | 8,493 | 10,913 | 16 | 4 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Barking Town, *H* - - | 3,814 | 14,301 | 14 | 7 | 3 | – | – | – | – | – | – | – | – | 1 | 2 | – | – |
| | Middlesex Co. Lunatic Asy., Wandsworth. | — | — | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | 1 | – |

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring re as follows:—30 : 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37 : 1, the parishes of Warlingham nd Farley in Godstone sub-district; 39 : 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41 : 3, Chislehurst ub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135 : 1, the parish of Northaw in latfield sub-district; 187 : 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping pop. 1,079); 189 : 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for nfectious Diseases belonging to the Outer Ring in 42 : 2, Dartford; 137 : 2, Watford; and 187 : 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday. 23rd July, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | Annual Rate of Mortality per 1000 living. From All Causes. | Annual Rate of Mortality per 1000 living. From Diseases in Cols. 8-14. | Deaths from All Causes. | The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Deaths in Public |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. | 16 |
| **GREATER LONDON** | **443,421** | **6,408,321** | **13·9** | **1·9** | **1704** | **485** | **409** | **–** | **34** | **9** | **40** | **45** | **13** | **92** | **77** | **48** |
| INNER LONDON - | 74,672 | 4,504,766 | 15·4 | 2·0 | 1330 | 385 | 313 | – | 22 | 8 | 29 | 38 | 8 | 69 | 64 | 43 |
| OUTER RING - | 368,749 | 1,903,555 | 10·3 | 1·6 | 374 | 100 | 96 | – | 12 | 1 | 11 | 7 | 5 | 23 | 13 | 4 |

NOTE. -The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent to the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

| CITIES | Population (enumerated or estimated). | Date of Return. Week ending | | Births. Exclusive of Stillborn | Deaths. Exclusive of Stillborn | Annual Death-rate per 1000 living. | Deaths from Principal Zymotic Diseases. Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœal Diseases. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 295,628 | July | 23 | 149 | 112 | 19·8 | – | 2 | 3 | 1 | 9 | 1 | [illegible] |
| GLASGOW - - | 724,349 | „ | 23 | 466 | 303 | 21·8 | – | 9 | 5 | 1 | 10 | 1 | 38 |
| DUBLIN - - | 349,594 | „ | 23 | 174 | 152 | 22·7 | – | – | 1 | 1 | 5 | 1 | [illegible] |
| CALCUTTA - - | 466,460 | May | 28 | – | 226 | 24·6 | 2 | – | – | – | – | 67 | 46 |
| BOMBAY - - | 821,764 | June | 28 | 214 | 474 | 30·0 | 3 | 3 | ? | ? | ? | 116‡ | 42 |
| MADRAS - - | 452,518 | „ | 17 | 339 | 317 | 36·4 | 1 | 10 | ? | ? | ? | 104 | 55 |
| PARIS - - - | 2,511,629 | July | 16 | 1155 | 794 | 16·4 | – | 30 | 7 | 9* | 10 | 3 | 42 |
| BRUSSELS - - | 531,024 | „ | 16 | 220 | 156 | 16·5 | – | 1 | – | – | – | 2 | 22 |
| AMSTERDAM - | 507,789 | „ | 9 | 269 | 138 | 14·2 | – | 5 | – | – | – | – | – |
| ROTTERDAM - | 301,816 | „ | 9 | 202 | 91 | 15·6 | – | 3 | – | – | 1 | 1 | 1 |
| THE HAGUE - | 196,325 | „ | 9 | 84 | 53 | 14·1 | – | – | – | 1 | 1 | – | – |
| COPENHAGEN - | 340,500 | „ | 9 | 176 | 91 | 13·9 | – | – | – | 1 | 5 | – | 4 |
| STOCKHOLM - | 274,611 | „ | 9 | 127 | 92 | 16·9 | – | 3 | 2 | 5* | 1 | – | 4 |
| CHRISTIANIA - | 192,141 | „ | 16 | – | – | – | – | – | – | – | – | – | – |
| ST. PETERSBURG | 954,400 | „ | 9 | 616 | 575 | 31·4 | 2 | 5 | 11 | 11 | 4 | 22 | 109 |
| MOSCOW - - | 988,610 | „ | 9 | – | 941 | 49·6 | 3 | 8 | 6 | – | 2 | 4 | 505 |
| BERLIN - - | 1,753,775 | „ | 2 | 869 | 600 | 17·6 | – | 5 | 6 | 12 | 16 | 2 | 89 |
| HAMBURG - - | 661,015 | „ | 16 | – | 211 | 16·6 | – | 16 | – | 3* | 6 | – | 13 |
| DRESDEN - - | 377,500 | June | 11 | 239 | 142 | 19·4 | – | 4 | 1 | 1* | – | 2 | 12 |
| BRESLAU - - | 392,795 | July | 16 | – | 194 | 25·8 | – | 3 | 1 | – | 3 | – | 51 |
| MUNICH - - | 430,000 | „ | 16 | – | 176 | 21·3 | – | 3 | 1 | 2* | 1 | – | 39 |
| VIENNA - - | 1,574,129 | „ | 16 | 840 | 566 | 18·5 | – | 11 | 8 | 13* | 6 | – | 87 |
| PRAGUE - - | 377,109 | „ | 16 | – | – | – | – | – | – | – | – | – | – |
| BUDA-PESTH - | 648,104 | „ | 9 | 402 | 275 | 21·1 | – | 6 | 7 | 2 | 1 | 3 | 49 |
| TRIESTE - - | 164,491 | „ | 9 | 88 | 92 | 29·0 | – | 1 | 3 | 1* | – | 2 | 29 |
| ROME - - - | 489,965 | June | 18 | 216 | 142 | 15·2 | – | 3 | – | – | – | 3§ | 18 |
| TURIN (11 days) | 344,203 | May | 31 | 245 | 209 | 20·2 | – | 9 | 1 | 1 | – | 3 | 18 |
| VENICE - - | 167,074 | July | 2 | 82 | 52 | 16·2 | – | 1 | – | – | – | 3 | 6 |
| CAIRO - - | 570,062 | April | 29 | 349 | 400 | 36·5 | – | 18 | – | 3* | – | 28 | 73 |
| ALEXANDRIA - | 319,766 | „ | 29 | 174 | 174 | 28·3 | – | – | – | 1* | – | 10 | 37 |
| NEW YORK (including BROOKLYN) | 3,438,899 | July | 9 | 1563 | 1759 | 26·7 | – | 19 | 10 | 40 | 18 | 11 | 399 |
| PHILADELPHIA - | 1,240,266 | „ | 9 | – | – | – | – | – | – | – | – | – | – |

* Including deaths from croup.
† Including 11 deaths from cholera in Calcutta, and 2 in Bombay
‡ Including 53 deaths from bubonic fever.
§ Including 2 deaths from malarial fever.

| 1898. Month and Day. | Phases of the Moon. | Meter. Mean daily reading (corrected and reduced to 32° Fahrenheit). | Temperature. Of the Air. High-est. | Low-est | Daily Range. | Mean daily value. | Departure from Average of 50 years. | Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Great-est. | Least. | Degree of Humidity (Saturation equals 100). | Temperature. Of Radiation. Highest in Sun's Rays. | Lowest on the Grass. | Of the Earth 3 feet below the Surface. | Wind as deduced from Anemometers. Osler's. General Direction. A.M. | P.M. | Pressure on the Square Foot. Great-est. | Least. | Mean of 24 hourly obs. | Robinson's. Horizontal Movement of the Air on each Day. | Depar-ture from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| July | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| Sunday - 17 | .. | 29·985 | 76·0 | 58·1 | 17·9 | 66·9 | + 3·8 | 54·3 | 12·6 | 20·1 | 5·1 | 64 | 127·6 | 48·9 | 60·00 | N.& NNW. | NNW.,NW. & SW. | 1·0 | 0·0 | 0·0 | 183 | − 48 | 0·00 | 0·0 |
| Monday - 18 | New | 29·777 | 81·0 | 56·3 | 24·7 | 68·0 | + 5·0 | 57·4 | 10·6 | 21·8 | 1·3 | 69 | 141 1 | 50·7 | 60·51 | SW. | WSW. | 5·7 | 0·0 | 0·7 | 410 | +179 | 0·00 | 0·0 |
| Tuesday - 19 | .. | 29·780 | 70·2 | 56·1 | 14·1 | 61·1 | − 1·9 | 56·1 | 5·0 | 16·0 | 1·3 | 84 | 107·4 | 55·9 | 60·72 | WSW., W. & WNW. | NE., SE. & E. | 2·0 | 0·0 | 0·1 | 195 | − 37 | 0·06 | 0·0 |
| Wednesday 20 | .. | 29·970 | 68·0 | 48·1 | 19·9 | 56·1 | − 6·9 | 48·1 | 8·0 | 18·9 | 1·9 | 75 | 134·2 | 43·5 | 60·81 | ENE., NE. & E. | E. & ESE. | 1·7 | 0·0 | 0·1 | 223 | − 9 | 0·00 | 0·0 |
| Thursday- 21 | .. | 29·959 | 75·9 | 44·6 | 31·3 | 60·2 | − 2·8 | 48·2 | 12·0 | 23·5 | 0·4 | 65 | 139·6 | 42·9 | 60·90 | ESE., ENE. & SE. | S., SSE. & ENE. | 1·7 | 0·0 | 0·0 | 134 | − 98 | 0·00 | 0·0 |
| Friday - 22 | .. | 29·655 | 75·1 | 58·3 | 16·8 | 63·4 | + 0·5 | 59·5 | 3·9 | 18·5 | 0·0 | 87 | 132·9 | 56·5 | 60·89 | ESE., SSE. & SSW. | SW. & SSW. | 2·3 | 0·0 | 0·2 | 234 | + 1 | 0·36 | 0·0 |
| Saturday - 23 | In Equator | 29·600 | 73·3 | 57·8 | 15·5 | 64·1 | + 1·3 | 55·5 | 8·6 | 17·8 | 2·1 | 74 | 122·1 | 55·3 | 61·17 | SW.,WSW. & W. | W. | 5·9 | 0·0 | 0·7 | 437 | +204 | 0·03 | 0·0 |
| Means - - | | 29·818 | 74·2 | 54·2 | 20·0 | 62·8 | − 0·1 | 54·2 | 8·7 | 19·5 | 1·7 | 74 | 129·3 | 50·5 | 60·71 | Variable | | .. | .. | .. | Sum 1816 | Sum +192 | Sum 0·45 | 0·0 |
| No. of Column - | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| Date. July | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. |
|---|---|---|---|
| Sunday - 17 | m. P. generally - | 6·5 | 16·0 |
| Monday - 18 | w. P. throughout - | 11·6 | 16·0 |
| Tuesday - 19 | m. P. till 3h. P.M.; m. P. afterwards. | 0·6 | 15·9 |
| Wednesday 20 | w. P. till 9h. P.M.; m. P. afterwards. | 4·1 | 15·9 |
| Thursday- 21 | m. P. till noon; w. P. afterwards. | 7·0 | 15·9 |
| Friday - 22 | w. P. till 1h. P.M.; s. P. and s. N. till 3h. P.M.; w. P. and w. N. afterwards. | 1·7 | 15·8 |
| Saturday - 23 | w. P. throughout - | 4·6 | 15·8 |
| | | Sum 36·1 | Sum 111·3 |
| No. of Col. - - | 27 | 28 | 29 |

## GENERAL REMARKS.

Fine till 10h. A.M.; generally cloudy till 6h. P.M.; very fine afterwards. Cloudless after 9h. P.M.

Very fine with small amounts of cloud till afternoon; cloudy with occasional drops of rain till 6h. P.M.; very fine afterwards.

Generally overcast. Gentle rain in morning; a little rain between 4h. and 5h. P.M.

Overcast till noon; fine and partially cloudy till evening; generally cloudless afterwards.

Fine in early morning; cloudy till 8h. A.M.; very fine till 5h. P.M.; overcast afterwards.

Generally overcast till 7h. P.M. with frequent heavy showers after 1h. P.M.; fine and partially cloudy afterwards.

Cloudy in morning; fine and partially cloudy till 4h. P.M.; overcast till 10h. P.M. with rain between 8h. 30m. and 9h. 30m. P.M.; fine afterwards.

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer increased from 29·99 in. at the beginning of the week to 30·02 in. by 11h. A.M. on the 17th; decreased to 29·72 in. by 7h. P.M. on the 18th; increased to 30·05 in. by midnight on the 20th; decreased to 29·50 in. by 3h. A.M. on the 23rd; and increased to 29·70 in. by the end of the week.

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1898

OFFICIAL COPY.

# WEEKLY RETURN
OF
# BIRTHS AND DEATHS IN LONDON
AND IN
# THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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No. 30. 1898. VOL. LIX.] WEEK ENDING SATURDAY, JULY 30. [Price 1½*d.*

*General Register Office, Somerset House,*
*August 2nd,* 1898.

## THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 17·2 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS. | Weeks ending | | | | TOWNS. | Weeks ending | | | |
|---|---|---|---|---|---|---|---|---|---|
| | July 9. | July 16. | July 23. | July 30. | | July 9. | July 16. | July 23. | July 30. |
| **33 Great Towns** | 14·7 | 14·7 | 15·6 | 17·2 | Leicester - - | 14·2 | 12·0 | 14·2 | 15·7 |
| Birkenhead - | 11·5 | 14·3 | 18·9 | 25·3 | Liverpool - - | 17·3 | 18·8 | 21·1 | 23·0 |
| Birmingham - | 15·1 | 12·9 | 17·2 | 19·5 | London - - - | 14·3 | 14·1 | 15·4 | 16·8 |
| Blackburn - | 13·3 | 9·0 | 14·9 | 11·0 | Manchester - - | 16·9 | 19·0 | 17·6 | 19·0 |
| Bolton - - | 14·0 | 22·6 | 12·8 | 14·0 | Newcastle-on-Tyne | 20·3 | 22·9 | 16·8 | 17·8 |
| Bradford - | 14·1 | 14·7 | 14·5 | 13·6 | Norwich - - | 13·5 | 14·0 | 16·3 | 17·3 |
| Brighton - | 10·2 | 11·5 | 15·3 | 11·9 | Nottingham - - | 11·5 | 13·7 | 11·3 | 14·4 |
| Bristol - | 12·3 | 12·2 | 12·3 | 10·7 | Oldham - - | 13·7 | 10·5 | 13·4 | 19·0 |
| Burnley - | 10·9 | 14·3 | 12·4 | 11·9 | Plymouth - - | 17·9 | 16·8 | 16·8 | 13·7 |
| Cardiff - - | 9·4 | 14·7 | 11·4 | 9·4 | Portsmouth - - | 11·5 | 8·7 | 16·2 | 21·8 |
| Croydon - | 12.6 | 9·2 | 4·6 | 13·4 | Preston - - | 12·5 | 15·2 | 14·3 | 11·2 |
| Derby - - | 11·9 | 9·5 | 14·9 | 13·4 | Salford - - - | 17·2 | 19·3 | 23·9 | 27·3 |
| Gateshead - | 18·1 | 12·6 | 19·6 | 15·1 | Sheffield - - | 16·1 | 17·6 | 16·1 | 21·9 |
| Halifax - | 14·0 | 15·6 | 11·3 | 23·7 | Sunderland - - | 21·4 | 18·1 | 17·0 | 19·6 |
| Huddersfield- | 9·7 | 13·7 | 10·7 | 14·8 | Swansea - - | 15·3 | 16·4 | 16·9 | 12·3 |
| Hull - - | 14·3 | 12·9 | 10·9 | 17·2 | West Ham - - | 16·6 | 12·7 | 12·4 | 16·4 |
| Leeds - - | 16·8 | 14·5 | 17·5 | 16·6 | Wolverhampton - | 11·3 | 17·2 | 16·0 | 21·3 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·1 in Portsmouth, in Plymouth, and in Sunderland; from *scarlet fever*, 1·2 in Wolverhampton; from *whooping-cough*, 1·2 in Wolverhampton; from "*fever*," 1·0 in Huddersfield; and from *diarrhœa*, 1·5 in Cardiff, in Nottingham, and in Derby, 1·6 in London, in West Ham, and in Blackburn, 1·7 in Croydon, 1·8 in Wolverhampton, 2·6 in Liverpool, 2·9 in Salford, 3·0 in Birmingham, 3·4 in Portsmouth, 3·5 in Leicester, 3·9 in Sheffield, and 6·4 in Birkenhead. The 47 deaths from *diphtheria* included 21 in London, 5 in Liverpool, 4 in Leeds, and 3 in West Ham. No death from *small-pox* was registered in any of the thirty-three towns.

## LONDON.

In LONDON† 2696 BIRTHS and 1453 DEATHS were registered. Allowing for increase of population, the births were 73 above, and the deaths 299 below, the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 14·3, 14·1, and 15·4 in the preceding three weeks, further rose last week to 16·8.

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

During the four weeks ending on Saturday last the death-rate averaged 15·2 per 1000, being 3·9 per 1000 below the mean rate in the corresponding periods of the ten years 1888–97.

The 1453 deaths included 23 from measles, 7 from scarlet fever, 21 from diphtheria, 31 from whooping-cough, 7 from enteric fever, 138 from diarrhœa and dysentery, 8 from cholera and choleraic diarrhœa, and not one death from small-pox, from typhus, or from any ill-defined form of continued fever; thus, 235 deaths were referred to these diseases, being 209 below the corrected average weekly number.

The deaths from *measles*, which had been 28, 23, and 22 in the preceding three weeks, were 23 last week, the corrected average being 54. The deaths from *scarlet fever*, which had been 8, 8, and 8 in the preceding three weeks, were 7 last week, the corrected average being 20; 5 cases belonged to the Southern group of sanitary areas. The deaths from *diphtheria*, which had been 27, 39, and 29 in the preceding three weeks, further fell last week to 21, and were exactly half of the corrected average; 3 cases belonged to St. John and St. Margaret Westminster sanitary area. The deaths from *whooping-cough*, which had been 41, 40, and 38 in the preceding three weeks, further fell last week to 31, and were 9 below the corrected average; 5 cases belonged to Lambeth sanitary area. The fatal cases of *enteric fever*, which had been 7, 4, and 8 in the preceding three weeks, were 7 last week, the corrected average being 9; 2 cases belonged to Poplar sanitary area. The deaths from *diarrhœa*, which had been 25, 52, and 69 in the preceding three weeks, further rose last week to 138, but were 130 below the corrected average. Of the 138 deaths from diarrhœa, 129 were of children under 5 years of age; 42 more deaths at this age-period were described as due to *gastro-enteritis*, and are included under enteritis in Table 4. The deaths referred to diseases of the respiratory organs, which had been 160, 175, and 148 in the preceding three weeks, rose again last week to 173, but were 2 below the corrected average. The deaths attributed directly to *influenza* numbered 5, having been 5, 8, and 8 in the preceding three weeks.

Different forms of violence caused 79 deaths, concerning all but 1 of which inquests were held. Of these 79 deaths, 14 were cases of suicide, and 2 of homicide, while the remaining 63 were attributed to accident or negligence. Seven of these were referred to vehicles in the streets, 11 to drowning, and 9 (of infants under one year of age) to suffocation in bed.

## Cases of Infectious Sickness in Hospitals.*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2321 cases of scarlet fever, 1022 of diphtheria, and 87 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 232 cases, against 237, 265, and 276; of diphtheria, 128 cases, against 155, 156, and 151; and of enteric fever, 15 cases, against 15, 12, and 23.

## Greater London.

In Greater London 3709 births and 1905 deaths were registered, corresponding to annual rates of 30·2 and 15·5 per 1000 of the estimated population. In the Outer Ring 12 deaths from measles, 15 from diphtheria, 10 from whooping-cough, 3 from "fever," and 42 from diarrhœa were registered. Four deaths from measles occurred in Edmonton district, and 3 in Hendon district; 5 deaths from diphtheria occurred in West Ham district; 11 deaths from diarrhœa occurred in West Ham district, and 9 in Barking Town sub-district.

## Meteorology.

The mean reading of the Barometer last week at Greenwich was 29·90 inches, and that of the Thermometer 61°·0, the latter being 1°·3 below the week's average in the 50 years 1841–90. The direction of the wind was variable, the horizontal movement of the air being 15 per cent. below the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 25·6 hours; the measured rainfall amounted to 0·72 of an inch.

* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Registered during the Week ending 30th July 1898. Births. | Registered during the Week ending 30th July 1898. Deaths. | The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Annual Rate per 1000, corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6–12. | Temperature of the Air. Highest. Fahrenheit. | Lowest. Fahrenheit. | Mean. Fahrenheit. | Mean. Centigrade. | Rainfall. In Inches. | In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18 | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| 33 Towns - | **11,218,378** | **6910** | **3709** | **1262** | **738** | - | **62** | **17** | **47** | **61** | **29** | **356** | **181** | **326** | **319** | **41** | **17·2** | **2·7** | **79·0** | **40·2** | **58·3** | **14·61** | **0·25** | **0·63** | 33 Towns. |
| London - - | 4,504,766 | 2696 | 1453 | 493 | 284 | - | 23 | 7 | 21 | 31 | 7 | 138 | 79 | 163 | 447 | 6 | 16·8 | 2·6 | 79·0 | 49·3 | 61·0 | 16·11 | 0·72 | 1·83 | London. |
| West Ham - - | 286,654 | 156 | 90 | 37 | 15 | - | 1 | - | 3 | 1 | 1 | 9 | 10 | 13 | 19 | 1 | 16·4 | 2·7 | - | - | - | - | - | - | West Ham. |
| Croydon - - | 124,427 | 63 | 32 | 13 | 7 | - | - | - | 2 | - | - | 4 | 1 | 2 | 2 | - | 13·4 | 2·5 | 78·0 | 50·0 | 60·6 | 15·89 | 0·26 | 0·66 | Croydon. |
| Brighton - - | 122,310 | 57 | 28 | 5 | 12 | - | - | - | - | 1 | - | 1 | 1 | 1 | 6 | 1 | 11·9 | 0·9 | 73·6 | 50·0 | 60·5 | 15·83 | 0·06 | 0·15 | Brighton. |
| Portsmouth - | 186,618 | 92 | 78 | 27 | 19 | - | 4 | - | - | - | 2 | 12 | 3 | 6 | 12 | 3 | 21·8 | 5·0 | - | - | - | - | - | - | Portsmouth. |
| Plymouth - - | 99,136 | 57 | 26 | 9 | 4 | - | 2 | - | 1 | - | 1 | 1 | 2 | 3 | 2 | - | 13·7 | 2·6 | - | - | - | - | - | - | Plymouth. |
| Bristol - - | 316,900 | 195 | 65 | 26 | 20 | - | 1 | - | 1 | 1 | - | 4 | 5 | 6 | 13 | - | 10·7 | 1·2 | 74·0 | 49·0 | 59·9 | 15·50 | 0·13 | 0·33 | Bristol. |
| Cardiff - - | 177,770 | 113 | 32 | 12 | 5 | - | - | - | 1 | - | - | 5 | 2 | 5 | 3 | 1 | 9·4 | 1·8 | - | - | - | - | - | - | Cardiff. |
| Swansea - - | 102,001 | 69 | 24 | 11 | 2 | - | - | - | - | 1 | - | 1 | 1 | 1 | 1 | 1 | 12·3 | 1·0 | - | - | - | - | - | - | Swansea. |
| Wolverhampton | 88,051 | 71 | 36 | 9 | 5 | - | 1 | 2 | 2 | 2 | 1 | 3 | 1 | 1 | 4 | - | 21·3 | 6·5 | 71·1 | 40·2 | 55·8 | 13·22 | 0·48 | 1·22 | Wolverhampton. |
| Birmingham - | 510,343 | 389 | 191 | 78 | 40 | - | 1 | 1 | 2 | 2 | 3 | 29 | 5 | 5 | 38 | 8 | 19·5 | 3·9 | - | - | - | - | - | - | Birmingham. |
| Norwich - - | 111,669 | 69 | 37 | 8 | 13 | - | 2 | - | - | 1 | 1 | - | - | - | 4 | - | 17·3 | 1·9 | - | - | - | - | - | - | Norwich. |
| Leicester - - | 208,662 | 131 | 63 | 25 | 14 | - | 1 | - | 2 | 1 | - | 14 | 1 | 1 | 9 | 2 | 15·7 | 4·5 | - | - | - | - | - | - | Leicester. |
| Nottingham - | 236,137 | 127 | 65 | 16 | 18 | - | - | - | 1 | - | 2 | 7 | 5 | 8 | 10 | - | 14·4 | 2·2 | 74·8 | 44·0 | 58·1 | 14·50 | 0·51 | 1·30 | Nottingham. |
| Derby - - - | 104,834 | 56 | 27 | 10 | 6 | - | - | - | - | - | 1 | 3 | 1 | 4 | 13 | - | 13·4 | 2·0 | - | - | - | - | - | - | Derby. |
| Birkenhead - | 113,189 | 77 | 55 | 26 | 10 | - | - | - | 1 | - | 1 | 14 | 1 | 1 | 4 | - | 25·3 | 7·4 | - | - | - | - | - | - | Birkenhead. |
| Liverpool - - | 633,645 | 443 | 280 | 108 | 34 | - | 5 | 3 | 5 | 5 | 3 | 31 | 12 | 18 | 60 | 7 | 23·0 | 4·3 | 64·6 | 50·3 | 56·0 | 13·33 | 0·04 | 0·10 | Liverpool. |
| Bolton - - | 122,495 | 83 | 33 | 6 | 10 | - | - | - | - | - | - | - | 1 | 2 | 4 | - | 14·0 | - | - | - | - | - | - | - | Bolton. |
| Manchester - | 539,079 | 341 | 196 | 50 | 40 | - | 4 | 3 | 1 | - | - | 12 | 15 | 25 | 39 | 2 | 19·0 | 1·9 | - | - | - | - | - | - | Manchester. |
| Salford - - | 215,702 | 177 | 113 | 48 | 17 | - | 1 | - | - | - | 1 | 12 | 1 | 7 | 17 | - | 27·3 | 3·4 | - | - | - | - | - | - | Salford. |
| Oldham - - | 148,288 | 87 | 54 | 13 | 18 | - | 1 | - | - | - | - | 1 | 1 | 3 | 10 | - | 19·0 | 0·7 | - | - | - | - | - | - | Oldham. |
| Burnley - - | 109,546 | 67 | 25 | 8 | 9 | - | - | - | - | - | - | 2 | 1 | 1 | 5 | 1 | 11·9 | 1·0 | - | - | - | - | - | - | Burnley. |
| Blackburn - - | 133,228 | 56 | 28 | 9 | 4 | - | - | - | - | - | - | 4 | 3 | 1 | 6 | 1 | 11·0 | 1·6 | - | - | - | - | - | - | Blackburn. |
| Preston - - | 116,356 | 76 | 25 | 8 | 8 | - | - | - | - | - | - | 2 | 1 | 1 | 3 | - | 11·2 | 0·9 | - | - | - | - | - | - | Preston. |
| Huddersfield - | 102,454 | 50 | 29 | 7 | 7 | - | - | - | - | - | 2 | 2 | 1 | 2 | 5 | - | 14·8 | 2·0 | 70·0 | 41·8 | 55·6 | 13·11 | 0·18 | 0·46 | Huddersfield. |
| Halifax - - | 96,729 | 46 | 44 | 7 | 11 | - | 1 | - | - | 1 | - | - | 2 | 3 | 9 | 1 | 23·7 | 1·1 | - | - | - | - | - | - | Halifax. |
| Bradford - - | 233,737 | 97 | 61 | 16 | 11 | - | - | - | - | - | 1 | - | - | 3 | 8 | - | 13·6 | 0·2 | 71·2 | 45·0 | 59·8 | 15·44 | 0·08 | 0·20 | Bradford. |
| Leeds - - - | 416,618 | 289 | 133 | 40 | 26 | - | 4 | 1 | 4 | 2 | 1 | 10 | 5 | 12 | 15 | - | 16·6 | 2·8 | - | - | - | - | - | - | Leeds. |
| Sheffield - - | 356,478 | 223 | 150 | 62 | 25 | - | 3 | - | - | 5 | - | 27 | 4 | 4 | 17 | 4 | 21·9 | 5·1 | - | - | - | - | - | - | Sheffield. |
| Hull - - - | 229,887 | 155 | 76 | 21 | 20 | - | - | - | - | - | - | 2 | 7 | 9 | 14 | 1 | 17·2 | 0·5 | 68·0 | 45·0 | 56·1 | 13·39 | 0·06 | 0·15 | Hull. |
| Sunderland - | 143,849 | 99 | 54 | 15 | 11 | - | 3 | - | - | 2 | - | 3 | 3 | 4 | 8 | - | 19·6 | 2·9 | - | - | - | - | - | - | Sunderland. |
| Gateshead - - | 103,775 | 72 | 30 | 12 | 5 | - | 1 | - | - | 1 | - | - | 3 | 5 | 1 | - | 15·1 | 1·0 | - | - | - | - | - | - | Gateshead. |
| Newcastle - - | 223,021 | 131 | 76 | 27 | 8 | - | 3 | - | - | 4 | 1 | 3 | 3 | 6 | 11 | 1 | 17·8 | 2·6 | - | - | - | - | - | - | Newcastle. |

* See note * on first page of this return.

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the THIRTIETH Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2353 | 2376 | 2512 | 2424 | 2720 | 2497 | 2419 | 2575 | 2448 | 2599 | 2622·6 | 2696 |
| Males | 1171 | 1174 | 1283 | 1211 | 1389 | 1275 | 1249 | 1316 | 1236 | 1320 | 1328·4 | 1381 |
| Females | 1182 | 1202 | 1229 | 1213 | 1331 | 1222 | 1170 | 1259 | 1212 | 1279 | 1294·2 | 1315 |
| TOTAL **Deaths** | 1308 | 1553 | 1418 | 1662 | 1431 | 1729 | 1437 | 1939 | 2146 | 2023 | 1751·7 | 1453 |
| Males | 681 | 836 | 754 | 898 | 751 | 894 | 726 | 1003 | 1136 | 1101 | 924·0 | 777 |
| Females | 627 | 717 | 664 | 764 | 680 | 835 | 711 | 936 | 1010 | 922 | 827·7 | 676 |

The numbers in this column are the average weekly numbers in the thirtieth week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | May 7. | May 14. | May 21. | May 28. | June 4. | June 11. | June 18. | June 25. | July 2. | July 9. | July 16. | July 23. | July 30. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2449 | 2425 | 2285 | 2569 | 2199 | 2646 | 2532 | 2385 | 2475 | 2502 | 2502 | 2505 | 2696 |
| TOTAL **Deaths** | 1464 | 1356 | 1360 | 1385 | 1392 | 1411 | 1193 | 1257 | 1256 | 1232 | 1214 | 1330 | 1453 |
| Ages at Death: Under 1 year | 297 | 288 | 322 | 339 | 259 | 294 | 276 | 306 | 305 | 301 | 305 | 385 | 493 |
| 1—5 years | 272 | 206 | 215 | 202 | 225 | 200 | 155 | 167 | 173 | 142 | 157 | 152 | 175 |
| 5—20 ,, | 60 | 71 | 86 | 83 | 94 | 83 | 68 | 74 | 86 | 63 | 78 | 79 | 71 |
| 20—40 ,, | 198 | 200 | 176 | 167 | 173 | 192 | 170 | 187 | 181 | 171 | 179 | 152 | 182 |
| 40—60 ,, | 276 | 268 | 271 | 246 | 281 | 288 | 259 | 244 | 248 | 281 | 220 | 249 | 248 |
| 60—80 ,, | 309 | 259 | 247 | 293 | 294 | 302 | 225 | 228 | 227 | 223 | 220 | 254 | 226 |
| 80 year and upwards | 52 | 64 | 43 | 55 | 66 | 52 | 40 | 51 | 36 | 51 | 55 | 59 | 58 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Measles | 99 | 76 | 82 | 74 | 68 | 74 | 50 | 43 | 48 | 28 | 23 | 22 | 23 |
| Scarlet Fever | 10 | 11 | 16 | 6 | 17 | 10 | 10 | 8 | 12 | 8 | 8 | 8 | 7 |
| Diphtheria | 27 | 20 | 31 | 27 | 30 | 23 | 26 | 21 | 29 | 27 | 39 | 29 | 21 |
| Whooping-cough | 52 | 48 | 47 | 59 | 45 | 51 | 44 | 39 | 42 | 41 | 40 | 38 | 31 |
| Typhus | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Enteric Fever | 5 | 7 | 1 | 6 | 3 | 4 | 4 | 4 | 10 | 7 | 4 | 8 | 7 |
| Simple Continued Fever | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Diarrhœa and Dysentery | 13 | 8 | 16 | 10 | 17 | 22 | 12 | 17 | 22 | 25 | 52 | 69 | 138 |
| Cholera | – | – | – | – | – | – | – | – | – | – | 3 | 2 | 8 |
| All the above Diseases | 206 | 170 | 193 | 182 | 180 | 184 | 146 | 132 | 163 | 136 | 169 | 176 | 235 |
| Dis. of Respiratory System | 226 | 232 | 177 | 216 | 226 | 212 | 185 | 171 | 162 | 160 | 175 | 148 | 173 |
| Phthisis | 158 | 168 | 159 | 134 | 126 | 156 | 134 | 140 | 149 | 150 | 126 | 148 | 133 |
| Dis. of Circulatory System | 116 | 114 | 141 | 120 | 141 | 124 | 87 | 92 | 111 | 107 | 91 | 119 | 116 |
| Violence | 61 | 58 | 65 | 63 | 77 | 88 | 53 | 71 | 56 | 56 | 55 | 64 | 79 |
| Inquest Cases | 130 | 122 | 108 | 154 | 150 | 166 | 106 | 112 | 126 | 112 | 119 | 127 | 163 |
| Deaths in Public Institutions | 440 | 431 | 449 | 438 | 451 | 430 | 395 | 418 | 397 | 404 | 367 | 434 | 447 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean | 51°·9 | 50°·7 | 49°·0 | 54°·7 | 51°·9 | 60°·2 | 55°·2 | 60°·5 | 59°·3 | 60°·0 | 61°·9 | 62°·8 | 61°·0 |
| Mean of Highest readings | 59·9 | 59·0 | 56·7 | 64·8 | 61·2 | 70·6 | 63·5 | 70·5 | 69·3 | 70·1 | 73·4 | 74·2 | 70·4 |
| Mean of Lowest readings | 44·8 | 44·7 | 42·8 | 46·7 | 44·6 | 50·8 | 48·3 | 53·1 | 51·6 | 52·0 | 50·9 | 54·2 | 54·1 |
| Humidity of the Air | 75 | 76 | 82 | 76 | 76 | 78 | 76 | 74 | 75 | 71 | 68 | 74 | 76 |
| Rain-fall (in inches) | 0·58 | 0·54 | 0·78 | 0·40 | 0·61 | 0·32 | 0·01 | 0·47 | 0·84 | 0·00 | 0·02 | 0·45 | 0·72 |
| Registered Sunshine (in hours) | 36·6 | 30·8 | 32·2 | 37·0 | 26·4 | 41·1 | 32·3 | 39·3 | 45·6 | 40·4 | 52·0 | 36·1 | 25·6 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox | – | – | – | – | 1 | 1 | 1 | – | – | – | – | – | – |
| Scarlet Fever | 2271 | 2247 | 2241 | 2195 | 2207 | 2169 | 2194 | 2238 | 2205 | 2250 | 2314 | 2355 | 2321 |
| Diphtheria | 942 | 948 | 953 | 923 | 973 | 1001 | 1018 | 999 | 976 | 1013 | 1033 | 1034 | 1022 |
| Enteric Fever | 54 | 57 | 55 | 54 | 55 | 44 | 47 | 52 | 53 | 62 | 68 | 85 | 87 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and I. Boobbyer Esq., M.E., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTIETH Week of the Year 1898.

| CAUSES OF DEATH. | Corrected Averages for the 30th Week of the 10 years 1888-97*. | In the Week ending Saturday, 30th July 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| CAUSES - - - | 1751·7 | 1453 | 493 | 175 | 71 | 182 | 248 | 226 | 58 |
| all-pox { Vaccinated† - | 0·7 | - | - | - | - | - | - | - | - |
| Unvaccinated | 0·3 | - | - | - | - | - | - | - | - |
| No Statement | 0·2 | - | - | - | - | - | - | - | - |
| sles - - - - | 53·9 | 23 | 8 | 14 | 1 | - | - | - | - |
| let Fever - - - | 20·0 | 7 | - | 5 | 1 | 1 | - | - | - |
| hus - - - - | 0·1 | - | - | - | - | - | - | - | - |
| psing Fever - - | - | - | - | - | - | - | - | - | - |
| enza - - - - | 3·8 | 5 | - | - | - | 2 | - | 3 | - |
| ooping-cough - - | 39·7 | 31 | 17 | 13 | 1 | - | - | - | - |
| ntheria - - | 42·4 | 21 | - | 15 | 4 | 1 | 1 | - | - |
| ple Continued and -defined Fever - | 0·3 | - | - | - | - | - | - | - | - |
| eric Fever - - - | 8·8 | 7 | - | - | 2 | 2 | 3 | - | - |
| lera and Chol. Diarr. | 8·8 | 8 | 5 | 3 | - | - | - | - | - |
| rrhœa, Dysentery - | 268·4 | 138 | 112 | 17 | 1 | - | 1 | 3 | 4 |
| nittent Fever - - | 0·1 | - | - | - | - | - | - | - | - |
| rophobia - - - | 0·1 | - | - | - | - | - | - | - | - |
| nders - - - - | 0·1 | - | - | - | - | - | - | - | - |
| ypox and Effects of accination - - | 0·5 | - | - | - | - | - | - | - | - |
| ereal Affections - - | 12·5 | 13 | 9 | - | - | 1 | 1 | 2 | - |
| sipelas - - - | 3·4 | 3 | 1 | - | - | 1 | 1 | - | - |
| emia and Septicæmia | 2·3 | - | - | - | - | - | - | - | - |
| erperal Fever - - | 3·5 | 1 | - | - | - | 1 | - | - | - |
| er Zymotic Diseases | 2·4 | 4 | 2 | 2 | - | - | - | - | - |
| rush - - - - | 1·8 | - | - | - | - | - | - | - | - |
| rms and other Parasitical Diseases - | 0·4 | - | - | - | - | - | - | - | - |
| rvation, Want of | 2·4 | 4 | 4 | - | - | - | - | - | - |
| reast-milk - - | 8·4 | 14 | - | - | - | 8 | 3 | 3 | - |
| oholism - - - | | | | | | | | | |
| eumatic Fever, heumatism of Heart | 6·7 | 6 | - | - | 1 | 2 | 1 | 2 | - |
| eumatism - - - | 1·2 | 2 | - | - | - | - | - | 1 | 1 |
| ut - - - - - | 3·4 | 2 | - | - | - | - | - | 2 | - |
| kets - - - - | 6·5 | 3 | 1 | 2 | - | - | - | - | - |
| ncer - - - - | 71·1 | 70 | - | 1 | 1 | 5 | 29 | 28 | 6 |
| oes Mesenterica - - | 43·4 | 23 | 16 | 7 | - | - | - | - | - |
| bercular Meningitis - | 29·6 | 38 | 12 | 18 | 4 | 3 | 1 | - | - |
| thisis - - - - | 140·4 | 133 | 1 | 4 | 12 | 56 | 48 | 12 | - |
| rofula, Tuberculosis - | 22·0 | 23 | 8 | 5 | 4 | 5 | 1 | - | - |
| ner Constitutional Diseases - - | 11·9 | 12 | - | 1 | 1 | 2 | 3 | 5 | - |
| emature Birth - - | 51·5 | 51 | 51 | - | - | - | - | - | - |
| electasis - - - | 3·3 | 4 | 4 | - | - | - | - | - | - |
| ngenital Malformations - - - | 6·8 | 5 | 4 | 1 | - | - | - | - | - |
| d Age - - - - | 38·0 | 37 | - | - | - | - | - | 16 | 21 |
| oplexy - - - | 37·4 | 37 | - | - | - | 2 | 16 | 14 | 5 |
| ilepsy - - - - | 7·3 | 11 | - | 1 | 1 | 4 | 5 | - | - |
| nvulsions - - - | 50·2 | 36 | 30 | 6 | - | - | - | - | - |
| ner Diseases of Brain and Nervous System | 87·8 | 61 | 8 | 4 | 6 | 11 | 14 | 15 | 3 |
| seases of Organs of Special Sense - | 2·8 | 6 | 1 | 2 | - | 2 | 1 | - | - |

| CAUSES OF DEATH | Corrected Averages for the 30th Week of the 10 years 1888-97*. | In the Week ending Saturday, 30th July 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 109·4 | 116 | - | 2 | 9 | 13 | 37 | 47 | 8 |
| Croup - - - - | 3·8 | - | - | - | - | - | - | - | - |
| Bronchitis - - - | 81·8 | 69 | 25 | 9 | - | 3 | 7 | 22 | 3 |
| Pneumonia - - - | 69·3 | 83 | 32 | 22 | 1 | 5 | 11 | 12 | - |
| Pleurisy - - - - | 5·4 | 4 | - | - | - | - | 2 | 2 | - |
| Other Diseases of Respiratory System - | 14·3 | 17 | 4 | 2 | 1 | 1 | 6 | 3 | - |
| Dentition - - - - | 10·8 | 5 | 2 | 3 | - | - | - | - | - |
| Quinsy, Sore Throat - | 2·7 | - | - | - | - | - | - | - | - |
| Enteritis - - - - | 73·0 | 64 | 47 | 5 | 4 | 5 | 2 | 1 | - |
| Peritonitis - - - | 6·9 | 5 | - | - | 1 | 3 | 1 | - | - |
| Diseases of Liver - - | 27·4 | 23 | 4 | - | - | 3 | 9 | 6 | 1 |
| Other Diseases of Digestive System | 38·0 | 23 | 7 | 1 | 1 | 5 | 4 | 4 | 1 |
| Diseases of Lymphatic System & of Ductless Glands - - - | 2·3 | 2 | - | - | - | 1 | 1 | - | - |
| Diseases of Urinary System - - - | 38·1 | 38 | - | - | 1 | 3 | 18 | 13 | 3 |
| Diseases of Generative System - - - | 5·8 | 8 | - | 1 | - | 2 | 5 | - | - |
| Accidents of Childbirth - | 4·0 | 6 | - | - | - | 5 | 1 | - | - |
| Diseases of Locomotive System - - - | 6·7 | - | - | - | - | - | - | - | - |
| Diseases of Integumentary System - - | 4·4 | 3 | 1 | - | - | - | 1 | - | 1 |
| VIOLENT DEATHS‡ | | | | | | | | | |
| (ACCIDENT.) | | | | | | | | | |
| By Railways - - - | 52·9 | 4 | - | - | 1 | 2 | 1 | - | - |
| By Vehicles or Horses - | | 7 | - | - | 1 | 2 | 3 | 1 | - |
| In Ships, Boats, Docks, (exclusive of Drowning) - - - | | 1 | - | - | - | 1 | - | - | - |
| In Building Operations - | | - | - | - | - | - | - | - | - |
| In Conflagrations - - | | - | - | - | - | - | - | - | - |
| By Burns, Scalds, Explosions - - | | 5 | 1 | 1 | 3 | - | - | - | - |
| By Drowning - - - | | 11 | - | - | 4 | 5 | - | 2 | - |
| By Suffocation in Bed - | | 9 | 9 | - | - | - | - | - | - |
| By Poisons or Poisonous Vapours - - | | - | - | - | - | - | - | - | - |
| Other or not stated causes - - - - | | 26 | 5 | 3 | 3 | 6 | 5 | 3 | 1 |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - | 1·8 | 2 | - | - | - | 2 | - | - | - |
| Suicide - - - - | 9·9 | 14 | - | - | - | 6 | 5 | 3 | - |
| Execution - - - | - | - | - | - | - | - | - | - | - |
| OTHER CAUSES - - | 76·4 | 69 | 62 | 5 | 1 | - | - | 1 | - |

* The numbers in this column are the average weekly deaths for the ten years 1888-97, raised by 5·230 per cent. for increase population.

† Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered edical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the use of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

‡ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of cident, murder manslaughter or suicide All such cases are classed under "accident."

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 30th July, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2696 | 1453 | 493 | 284 | - | 23 | 7 | 21 | 31 | - | 7 | - | 138 | 79 | 163 | 447 |
| WEST DISTRICTS - - - | 778,251 | 407 | 271 | 90 | 51 | - | 2 | - | 7 | 6 | - | 2 | - | 21 | 12 | 30 | 101 |
| NORTH DISTRICTS - - - | 1,040,694 | 570 | 271 | 80 | 51 | - | 4 | 1 | 9 | 7 | - | 2 | - | 23 | 12 | 23 | 80 |
| CENTRAL DISTRICTS - - - | 233,635 | 146 | 93 | 31 | 18 | - | 3 | - | - | 1 | - | - | - | 4 | 6 | 15 | 34 |
| EAST DISTRICTS - - - | 716,334 | 558 | 305 | 126 | 52 | - | 7 | - | 1 | 5 | - | - | - | 42 | 17 | 46 | 90 |
| SOUTH DISTRICTS - - - | 1,642,796 | 1015 | 489 | 166 | 104 | - | 7 | 6 | 4 | 12 | - | 3 | - | 48 | 32 | 49 | 118 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | — | - | 24 | - | 8 | - | - | - | - | - | - | - | - | - | - | - | 24 |
| **WEST DISTRICTS.** | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 53 | 23 | 6 | 5 | - | 1 | - | - | - | - | - | - | - | - | 3 | 6 |
| St. John Paddington *H* - - G. | 33,510 | 12 | 18 | 2 | 3 | - | - | - | 1 | - | - | - | - | 1 | 4 | 6 | 13 |
| Kensington Town *Ww* - - W. | 122,164 | 65 | 42 | 17 | 8 | - | - | - | - | 1 | - | 1 | - | 3 | 2 | 3 | 15 |
| Brompton *HH*- - - W & C. | 48,301 | 20 | 7 | 1 | 4 | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Peter Hammersmith - - W. | 9,097 | 4 | 2 | 2 | - | - | - | - | - | - | - | - | - | 2 | - | - | - |
| St. Paul Hammersmith *HH* W. & G. | 35,102 | 43 | 30 | 14 | 2 | - | 1 | - | - | 2 | - | - | - | 3 | 1 | 1 | 3 |
| Fulham *Ww* - - - W. & C. | 113,781 | 93 | 51 | 26 | 7 | - | - | - | 3 | 1 | - | 1 | - | 6 | 2 | 6 | 14 |
| Chelsea Kensal Town - C. | 21,450 | 12 | 6 | 6 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Chelsea North *WHHHHH* - C. | 42,057 | 16 | 20 | 2 | 5 | - | - | - | - | 1 | - | - | - | - | - | - | 15 |
| Chelsea South *HH* - - C. | 33,139 | 21 | 6 | 2 | 2 | - | - | - | - | - | - | - | - | 1 | - | 3 | 1 |
| May Fair *W* - - - - G. | 23,827 | 6 | 11 | - | 8 | - | - | - | - | - | - | - | - | - | 1 | 1 | 8 |
| Belgrave *WHHH* - - - C. | 56,140 | 27 | 24 | 4 | 3 | - | - | - | - | - | - | - | - | 3 | 1 | 3 | 11 |
| St. John Westminster *HH* - C. | 31,492 | 15 | 7 | 2 | 1 | - | - | - | - | - | - | - | - | 1 | - | - | - |
| St. Margaret Westminster *H*- C. | 22,097 | 7 | 14 | 5 | - | - | - | - | 3 | 1 | - | - | - | 1 | - | 1 | 10 |
| St. James Westminster *WHH* N. & G. | 23,050 | 8 | 8 | 1 | 3 | - | - | - | - | - | - | - | - | - | 1 | 2 | 4 |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 5 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 |
| **NORTH DISTRICTS.** | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - - W. | 36,595 | 12 | 8 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 |
| Rectory Marylebone *W* G. & W. | 19,798 | 2 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 30 | 6 | 2 | - | - | - | - | - | - | - | - | - | 1 | 1 | 1 | 1 |
| Christchurch Marylebone *H* - W | 32,547 | 17 | 14 | 8 | 1 | - | 2 | - | - | - | - | - | - | 1 | 2 | 2 | - |
| St. John Marylebone *HHH* W. | 32,611 | 12 | 4 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 32 | 20 | - | 4 | - | - | 1 | 5 | - | - | - | - | - | 1 | 2 | 9 |
| Regent's Park Pancras *HH* - W. | 37,341 | 18 | 6 | 4 | 2 | - | 1 | - | - | - | - | - | - | - | - | 1 | 1 |
| Tottenham-court *wHHHH* - N. & W. | 26,757 | 13 | 13 | 1 | - | - | - | - | 1 | - | - | - | - | - | 1 | 3 | 10 |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 19 | 10 | 4 | 1 | - | - | - | - | - | - | - | - | 1 | - | - | 4 |
| Somers Town *HH* - - - N. | 32,161 | 21 | 7 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | 1 | 2 |
| Camden Town *WH* - - N. | 16,669 | 13 | 12 | 2 | 4 | - | - | - | - | 2 | - | - | - | 1 | 2 | 2 | 9 |
| Kentish Town *WW* - - N. | 98,410 | 49 | 22 | 8 | 4 | - | - | - | - | 1 | - | - | - | 2 | 1 | 1 | 2 |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 59 | 42 | 8 | 13 | - | 1 | - | - | 1 | - | - | - | 2 | 2 | 3 | 26 |
| Islington South-west H - N. | 107,365 | 54 | 23 | 8 | 5 | - | - | - | - | 1 | - | 1 | - | 1 | - | 1 | - |
| Islington South-east - - N. | 66,549 | 25 | 12 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Highbury *HH* - - - N. | 64,577 | 28 | 9 | - | 5 | - | - | - | - | - | - | - | - | 1 | - | 1 | - |
| Stoke Newington *H* - - N. | 33,485 | 21 | 3 | 1 | - | - | - | - | - | - | - | - | - | 1 | - | - | - |
| North Hackney - - E. & N. | 213,044 | 22 | 7 | 3 | 1 | - | - | - | - | - | - | - | - | 3 | 1 | 2 | - |
| Central Hackney *ww* - E. & N. | | 31 | 10 | 2 | 1 | - | - | - | 3 | - | - | 1 | - | - | - | - | 4 |
| South-west Hackney *HHH* E. & N. | | 41 | 15 | 9 | - | - | - | - | - | - | - | - | - | 3 | - | - | - |
| South-east Hackney *WwH* E. & N. | | 51 | 25 | 14 | 5 | - | - | - | - | 2 | - | - | - | 6 | 1 | 2 | 10 |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers are received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. The Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River E East London; and K. the Kent Company.

* See note † on first page of this Return.

BLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH. FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday, 30th July, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population. 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CENTRAL DISTRICTS. | | | | | | | | | | | | | | | | | | |
| George Bloomsbury - - N. | 16,110 | 7 | 5 | 1 | 3 | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - |
| Giles South *WH* - - - N. | 12,976 | 15 | 4 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Giles North *H* - - - N. | 9,151 | 8 | 5 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Martin-in-the-Fields *HH* N. & C. | 13,077 | 2 | 10 | 1 | 3 | - | - | - | - | - | - | - | - | - | 1 | 2 | 8 | - |
| and *WHH* - - - - N. | 11,839 | 3 | 10 | 2 | 2 | - | - | - | - | - | - | - | - | - | 1 | 2 | 6 | - |
| *and Union Workhouse, Edmonton* | †*1,037* | - | 3 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | 3 | - |
| lborn *wHHHHHHH* - N. | 31,042 | 15 | 11 | 3 | 2 | - | 1 | - | - | - | - | - | - | - | - | 1 | 4 | - |
| James Clerkenwell - - N. | 15,777 | 10 | 6 | 2 | 1 | - | - | - | - | 1 | - | - | - | - | 1 | 2 | - | - |
| well Clerkenwell - - N. | 34,356 | 21 | 7 | 5 | - | - | - | - | - | - | - | - | - | 1 | - | 1 | - | - |
| swell-street - - - - N. | 16,069 | 11 | 1 | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| y-road *HHHL* - - - N. | 29,897 | 43 | 9 | 8 | - | - | - | - | - | - | - | - | - | 2 | - | - | - | - |
| itecross-street - - - N. | 7,595 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| sbury - - - - - N. | 4,035 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| *lborn Union Workhouse, Mitcham* - - - - | †*892* | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Botolph *H* - - N. & E. | 6,870 | 3 | 3 | - | 1 | - | 1 | - | - | - | - | - | - | - | - | 2 | - | - |
| pr legate - - - - N. | 3,299 | - | 3 | 1 | 1 | - | - | - | - | - | - | - | - | 1 | 1 | 2 | - | - |
| Sepulchre *WH* - - - N. | 9,591 | 3 | 8 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | 1 | 8 | - |
| hallows Barking - - - N. | 9,059 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ad Street *H* - - - N. | 2,892 | - | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| *of London Asylum, Stone* - - | †*388* | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - |
| EAST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| reditch South *Hl* - E. & N. | 17,975 | 12 | 7 | 1 | 3 | - | - | - | - | - | - | - | - | 3 | - | 1 | - | - |
| ton New Town *w* - - N. | 29,575 | 14 | 12 | 3 | 3 | - | - | - | - | - | - | - | - | 2 | 1 | 2 | 5 | - |
| ton Old Town - - - N. | 27,645 | 27 | 14 | 9 | 3 | - | - | - | - | - | - | - | - | 5 | - | 2 | - | - |
| rgerston *WH* - - N. & E. | 47,163 | 34 | 35 | 10 | 8 | - | 1 | - | 1 | - | - | - | - | 5 | - | 3 | 12 | 1 |
| nnal Green North *H* - E. | 49,301 | 45 | 16 | 11 | 1 | - | - | - | - | - | - | - | - | 3 | 3 | 4 | - | - |
| nnal Green South - - E. | 34,194 | 21 | 5 | 4 | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - |
| nnal Green East *WHl* - E. | 45,667 | 28 | 16 | 4 | 1 | - | - | - | - | - | - | - | - | - | 1 | 3 | 9 | - |
| alfields - - - E. & N. | 26,681 | 28 | 8 | 7 | - | - | 1 | - | - | 1 | - | - | - | 2 | - | 1 | - | - |
| e End New Town *W* - E. | 12,816 | 15 | 11 | 2 | 1 | - | 1 | - | - | - | - | - | - | 1 | - | 2 | 6 | - |
| tchapel Church *H* - E. & N. | 25,561 | 20 | 20 | 3 | 1 | - | - | - | - | 1 | - | - | - | 1 | 2 | 4 | 18 | - |
| dman's Fields - - - E. | 13,618 | 7 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| eorge's North - - - E. | 39,576 | 42 | 13 | 7 | 1 | - | - | - | - | - | - | - | - | 3 | - | 2 | - | - |
| ohn, St. George East *W* E. | 7,930 | 5 | 7 | - | 4 | - | - | - | - | - | - | - | - | 1 | - | - | 6 | - |
| dwell *H* - - - E. & N. | 10,434 | 5 | 9 | 5 | - | - | - | - | - | - | - | - | - | 2 | 1 | 1 | 6 | - |
| cliff *W* - - - - E. | 14,954 | 6 | 4 | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - |
| ehouse - - - - E. | 32,917 | 21 | 9 | 7 | 2 | - | - | - | - | - | - | - | - | 1 | - | - | - | - |
| End Old Town West *H* E. | 111,060 | 52 | 23 | 17 | 3 | - | 2 | - | - | - | - | - | - | 3 | - | 3 | 1 | - |
| End Old Town East *Www* - E. | | 54 | 22 | 13 | 5 | - | - | - | - | 1 | - | - | - | 2 | - | 2 | 8 | - |
| *l* - - - E. | 41,687 | 32 | 21 | 7 | 3 | - | 1 | - | - | - | - | - | - | 3 | - | 2 | 1 | - |
| nley *wwwH* - - - E. | 69,821 | 42 | 35 | 8 | 10 | - | 1 | - | - | - | - | - | - | 4 | 5 | 9 | 18 | - |
| ar *WW* - - - - E. | 57,759 | 48 | 16 | 6 | 3 | - | - | - | - | 1 | - | - | - | - | 4 | 5 | - | - |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 30th July, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WH* L.&S. | 13,064 | 10 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| St. Saviour Southwark - - S. | 12,301 | 9 | 7 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | 2 | - |
| Kent-road - - - - S. & L. | 22,879 | 18 | 3 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| Borough-road *WH* - S. & L. | 16,083 | 14 | 12 | 6 | 2 | - | - | - | - | 1 | - | - | - | 2 | - | - | 9 |
| London-road *HL* - - L. & S. | 21,316 | 19 | 5 | 4 | - | - | 1 | - | - | - | - | - | - | 2 | 1 | 1 | - |
| Trinity Newington - - S. & L. | 28,723 | 15 | 7 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Peter Walworth *W* - S. & L. | 62,045 | 43 | 16 | 7 | 2 | - | - | - | - | - | - | - | - | 3 | - | - | 1 |
| St. Mary Newington- - L. & S. | 30,171 | 14 | 5 | 3 | - | - | - | - | - | - | - | 1 | - | 1 | - | - | - |
| St. Olave *WH*- - - - S. | 11,731 | 7 | 17 | 4 | 2 | - | - | - | - | - | - | - | - | - | 4 | 4 | 13 |
| Leather Market *W* - S. & L. | 32,339 | 19 | 4 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | 1 |
| St. James Bermondsey - - S. | 53,136 | 49 | 20 | 7 | 6 | - | - | - | - | - | - | - | - | 2 | - | - | - |
| Rotherhithe *WwH* - S. & K. | 40,379 | 33 | 16 | 6 | 3 | - | 1 | - | - | - | - | - | - | 1 | 3 | 4 | 4 |
| Waterloo-road *HH* - L. & S. | 28,396 | 23 | 16 | 5 | 5 | - | - | - | - | 1 | - | - | - | - | 1 | 5 | 4 |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 12 | 24 | 9 | 2 | - | - | - | - | 1 | - | 1 | - | 5 | 5 | 6 | 15 |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 27 | 21 | 4 | 9 | - | - | - | - | - | - | - | - | 3 | 1 | 1 | 15 |
| Kennington 1st *H* - - S. & L. | 52,486 | 51 | 14 | 8 | 4 | - | - | - | - | - | - | - | - | 5 | - | - | 1 |
| Kennington 2nd - - S. & L. | 43,244 | 19 | 5 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| Brixton *w* - - - L. & S. | 81,825 | 42 | 12 | 4 | 1 | - | 2 | - | - | 3 | - | - | - | - | - | - | 2 |
| Norwood *WH*- - - - L. | 29,318 | 12 | 3 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| East Battersea - - - - S. | 71,730 | 42 | 21 | 15 | - | - | - | - | - | 2 | - | - | - | 7 | 1 | 3 | - |
| West Battersea *WwH* - - S | 93,385 | 51 | 25 | 10 | 10 | - | - | - | - | 1 | - | - | - | 3 | 2 | 2 | 6 |
| Clapham *H* - - - - - S. | 46,953 | 21 | 13 | 2 | 5 | - | - | - | - | - | - | - | - | - | - | - | 2 |
| Wandsworth *WHHL* - - S. | 58,101 | 36 | 12 | 1 | 3 | - | - | - | - | - | - | - | - | 1 | - | 3 | 1 |
| Putney - - - - - - S. | 20,566 | 8 | 6 | 1 | 3 | - | - | - | - | - | - | - | - | - | 1 | 1 | - |
| Streatham *Wwww* - - - L. | 61,644 | 34 | 11 | 2 | 4 | - | - | 1 | - | - | - | - | - | 1 | 1 | 1 | 1 |
| Dulwich - - - - L. & S. | 7,519 | 4 | 3 | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - |
| Camberwell *Wwll* - S. & L. | 90,286 | 45 | 24 | 5 | 7 | - | - | - | - | - | - | - | - | 1 | - | - | 8 |
| Peckham *WW* - S., L., & K. | 88,242 | 64 | 20 | 3 | 3 | - | - | - | - | - | - | - | - | - | 2 | 3 | - |
| St. George Camberwell *W* L. & S. | 67,029 | 40 | 22 | 12 | 1 | - | - | - | - | - | - | - | - | 2 | 1 | 1 | 1 |
| Deptford North - - - K. | 36,152 | 20 | 9 | 3 | 2 | - | - | - | - | - | - | - | - | - | 3 | 3 | - |
| Deptford Central *w* - - K. | 45,441 | 30 | 16 | 4 | 1 | - | 1 | 2 | 3 | - | - | 1 | - | 1 | - | - | 6 |
| Deptford South - - - K. | 33,402 | 13 | 5 | - | 3 | - | - | - | - | - | - | - | - | - | - | - | - |
| Greenwich West *H* - - K. | 23,012 | 7 | 7 | 3 | 1 | - | 1 | - | - | - | - | - | - | 2 | - | 1 | - |
| Greenwich East *WH* - - K. | 37 767 | 23 | 25 | 9 | 7 | - | - | - | - | - | - | - | - | - | 1 | - | 15 |
| Eltham *wH* - - - - K. | 5,911 | 4 | 3 | 1 | 2 | - | - | - | - | - | - | - | - | 1 | - | - | - |
| Lee *H* - - - - - K. | 24,222 | 9 | 4 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| Lewisham *WwH* - - - K. | 38,139 | 36 | 19 | 5 | 2 | - | - | 3 | 1 | 1 | - | - | - | 3 | 1 | 2 | 9 |
| Sydenham *H* - - - - L. | 37,601 | 13 | 5 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| Charlton *wHH* - - K. | 15,928 | 14 | 10 | 5 | 1 | - | - | - | - | 1 | - | - | - | 1 | 2 | 2 | 1 |
| Woolwich Dockyard - - K. | 19,355 | 6 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 17 | 3 | 2 | - | - | - | - | - | 1 | - | - | - | - | - | - | 1 |
| Plumstead West *H* - - K. | 16,714 | 5 | 5 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| Plumstead East *WH* - - K. | 42,538 | 37 | 10 | 3 | 1 | - | 1 | - | - | - | - | - | - | 1 | - | - | 2 |
| Banstead Asylum - - - - | — | - | 5 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | 5 |
| Caterham Asylum - - - - | — | - | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 2 |
| Cane Hill Asylum - - - - | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Hospital Ships and Camp, Dartford | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Darenth Asylum - - - - | — | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 |
| Hanwell Asylum - - - - | — | - | 5 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 5 |
| Colney Hatch Asylum - | — | - | 4 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | 4 |
| N.E. Hospital - - - - | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Winchmore Hill Hospital - - | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Leavesden Asylum - - - - | — | - | 3 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 3 |
| Claybury Asylum - - - - | — | - | 3 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 3 |

LE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 30th July, 1898.

| | REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years & upwds. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ONDON—OUTER RING - | 368,749 | 1,422,063 | 1013 | 452 | 158 | 93 | - | 12 | - | 15 | 10 | 3 | 42 | 24 | 37 | 55 | 7 |
| 1 | Carshalton *wHH* - - | 12,228 | 26,108 | 10 | 5 | 2 | 2 | - | - | - | - | - | - | - | - | 1 | - | - |
| 2 | Epsom, *part of** *WwHH* - | 10,423 | 12,508 | 10 | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| 1 | Godstone, *part of** *W* - | 2,754 | 1,598 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | Croydon *WwHHH* - - | 20,851 | 128,699 | 76 | 37 | 14 | 9 | - | - | - | 2 | - | - | 4 | 1 | 2 | 3 | - |
| 2 | Mitcham *w* - - - | 11,697 | 23,088 | 19 | 2 | - | - | - | - | - | - | - | - | 1 | - | - | - | - |
| 1 | Wimbledon *HHH* - - | 3,220 | 25,761 | 15 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Kingston *W* - - - | 8,071 | 33,566 | 20 | 13 | - | 5 | - | 1 | - | - | 1 | - | - | 1 | 1 | 5 | - |
| 3 | Surbiton *H-* - - - | | 11,199 | 8 | 3 | 1 | 1 | - | - | - | - | - | - | - | 1 | 1 | - | - |
| 4 | Esher, *part of** *HH* - - | 6,601 | 12,059 | 9 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 5 | Hampton *HL* - - - | 4,565 | 18,252 | 9 | 4 | 1 | 1 | - | - | - | - | - | - | 1 | 1 | 1 | 1 | - |
| 1 | Richmond *WH* - - - | 2,160 | 25,389 | 19 | 7 | 1 | 4 | - | - | - | - | - | - | - | - | - | 2 | - |
| 2 | Mortlake *H* - - - | 2,823 | 16,159 | 5 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | Bromley *HHH* - - - | 9,127 | 23,815 | 11 | 7 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Beckenham *H* - - - | 6,542 | 21,969 | 13 | 3 | 1 | 1 | - | - | - | 1 | - | - | 1 | - | - | - | - |
| 3 | Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 12 | 4 | 1 | 3 | - | - | - | - | - | - | - | - | - | - | 2 |
| 1 | Bexley *HHH* - - - | 12,540 | 30,590 | 14 | 11 | 2 | 4 | - | 1 | - | - | - | - | - | - | - | - | 1 |
| 2 | Dartford *WH, part of** - | — | — | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - |
| 1 | Sunbury *w* - - - | 11,054 | 13,671 | 8 | 3 | - | - | - | 1 | - | - | - | - | - | - | - | - | - |
| 2 | Staines *WH* - - - | 13,277 | 13,221 | 8 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | Hillingdon *WHH* - - | 6,035 | 12,237 | 8 | 10 | 4 | 3 | - | - | - | 1 | - | - | - | 1 | - | 1 | - |
| 2 | Uxbridge - - - - | 12,757 | 7,253 | 2 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Hayes *wH* - - - - | 7,952 | 11,051 | 6 | 5 | - | 1 | - | 1 | - | - | - | - | - | - | - | - | 1 |
| 1 | Isleworth *WHH* - - | 6,967 | 26,004 | 10 | 5 | 1 | 3 | - | - | - | - | 1 | - | 1 | - | - | - | - |
| 2 | Twickenham *HH* - - | 2,415 | 16,027 | 9 | 6 | 3 | - | - | - | - | - | 1 | - | - | - | - | 1 | - |
| 3 | Brentford *HHHH* - - | 4,318 | 37,777 | 15 | 10 | 1 | 3 | - | - | - | - | - | - | 1 | 1 | 2 | - | - |
| 4 | Chiswick - - - - | 1,245 | 21,963 | 21 | 11 | 3 | 1 | - | - | - | - | - | - | 1 | - | - | - | - |
| 5 | Acton *wHH* - - - | 6,132 | 30,945 | 29 | 14 | 6 | 4 | - | - | - | - | - | - | 2 | - | - | - | - |
| 1 | Harrow *HHH* - - - | 13,809 | 15,715 | 11 | 3 | 2 | - | - | 1 | - | - | - | - | - | - | - | - | - |
| 2 | Edgware *HH* - - - | 6,994 | 3,844 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Willesden *HHH* - - | 4,383 | 61,265 | 61 | 19 | 4 | 4 | - | 1 | - | 2 | 1 | - | 1 | - | 1 | 3 | - |
| 4 | Hendon *WH* - - - | 8,382 | 15,843 | 11 | 6 | 2 | 1 | - | 1 | - | - | - | - | 2 | 1 | 1 | - | - |
| 1 | South Mimms *HH* - - | 21,077 | 6,367 | 4 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Barnet *WHH* - - - | | 14,152 | 8 | 7 | 2 | 3 | - | - | - | - | - | - | 1 | 1 | 1 | 6 | - |
| 3 | Finchley *HHH* - - - | 4,688 | 25,820 | 18 | 4 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 1 | Hornsey *HH* - - - | 3,039 | 61,097 | 33 | 14 | 4 | 6 | - | 1 | - | 1 | - | 1 | - | - | - | - | - |
| 2 | Tottenham *HH* - - - | 4,642 | 97,174 | 59 | 32 | 21 | 4 | - | - | - | 1 | 2 | - | 3 | 1 | 3 | 1 | 2 |
| 3 | Edmonton *Www* - - | 7,489 | 36,351 | 32 | 9 | 5 | - | - | 1 | - | - | - | - | 1 | - | 1 | - | - |
| 4 | Enfield *WWHH* - - | 12,602 | 31,536 | 29 | 13 | 3 | 1 | - | - | - | - | - | - | 2 | - | - | 1 | - |
| 5 | Waltham Abbey - - - | 11,017 | 6,066 | 1 | 3 | - | - | - | 1 | - | - | - | - | - | - | 1 | - | - |
| 6 | Cheshunt *H* - - - | 8,480 | 9,620 | 8 | 4 | 1 | - | - | 1 | - | 1 | - | - | - | - | - | - | - |
| 1 | Hatfield, *part of** *W* - - | 3,306 | 582 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | Bushey *H* - - - - | 9,331 | 7,737 | 5 | 2 | - | - | - | - | - | - | - | - | - | 1 | 1 | 1 | - |
| 2 | Watford *WH, part of** - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | Stratford *H* - - - | 4,706 | 38,612 | 31 | 16 | 6 | 2 | - | - | - | - | - | - | 1 | - | - | 1 | - |
| 2 | Plaistow *WHHH* - - | | 58,030 | 52 | 31 | 18 | 5 | - | 1 | - | 3 | - | - | 2 | 1 | 4 | 4 | - |
| 3 | Canning Town *H* - - | | 54,750 | 45 | 25 | 10 | 1 | - | - | - | - | - | - | 3 | 9 | 9 | 9 | 1 |
| 4 | Forest Gate *w* - - - | | 53,511 | 28 | 13 | 3 | 3 | - | - | - | 1 | 1 | 1 | 2 | - | - | - | - |
| 5 | East Ham *wH* - - - | 3,266 | 32,713 | 51 | 11 | 5 | - | - | - | - | - | - | - | - | 1 | 1 | - | - |
| 6 | Leyton *WWWwH* - - | 4,334 | 70,188 | 58 | 20 | 5 | 7 | - | - | - | - | 3 | - | 1 | 1 | 2 | 7 | - |
| 7 | Walthamstow *HHL* - - | 6,501 | 57,330 | 58 | 19 | 5 | 2 | - | - | - | 1 | - | - | 2 | 2 | 2 | - | - |
| 1 | Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 7 | 5 | 1 | 1 | - | - | - | - | - | 1 | - | - | - | - | - |
| 2 | Epping *WH, part of** - - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | Romford, *part of** *WH* - | 6,556 | 4,324 | 1 | 2 | 1 | 1 | - | - | - | - | - | - | - | - | - | 2 | - |
| 2 | Ilford - - - - - | 8,493 | 10,913 | 16 | 4 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Barking Town, *H* - - | 3,814 | 14,301 | 15 | 15 | 11 | 1 | - | - | - | - | - | - | 9 | - | 2 | - | - |
| | London Fever Hosp. - - | — | — | - | 1 | - | - | - | - | - | 1 | - | - | - | - | - | 1 | - |
| | Middlesex Co. Lunatic Asy., Streatham. | — | — | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| | Middlesex Co. Lunatic Asy., Wandsworth. | — | — | - | 3 | - | 2 | - | - | - | - | - | - | - | - | - | 3 | - |

he parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring s follows:—30: 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37: 1, the parishes of Warlingham arley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst istrict, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in eld sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for tious Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford: and 187: 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 30th July, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | ANNUAL RATE of MORTALITY per 1000 living. From All Causes. | From Diseases in Cols. 8-14. | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Deaths in Public |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. | 1 |
| GREATER LONDON | **443,421** | **6,408,321** | **15·5** | **2·5** | **1905** | **651** | **377** | – | **35** | **7** | **36** | **41** | **10** | **180** | **103** | **50** |
| INNER LONDON - | 74,672 | 4,504,766 | 16·8 | 2·6 | 1453 | 493 | 284 | – | 23 | 7 | 21 | 31 | 7 | 138 | 79 | 4 |
| OUTER RING - | 368,749 | 1,903,555 | 12·4 | 2·2 | 452 | 158 | 93 | – | 12 | – | 15 | 10 | 3 | 42 | 24 | |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent t the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

| CITIES. | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | | BIRTHS. Exclusive of Stillborn | DEATHS. Exclusive of Stillborn | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM PRINCIPAL ZYMOTI DISEASES. Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 295,628 | July | 30 | 185 | 112 | 19·8 | – | 3 | 1 | – | 1 | – | |
| GLASGOW - - | 724,349 | „ | 30 | 438 | 269 | 19·4 | – | 5 | 3 | 2 | 14 | 3 | 4 |
| DUBLIN - - | 349,594 | „ | 30 | 183 | 160 | 23·9 | – | – | 1 | 1 | – | 3 | |
| CALCUTTA - - | 466,460 | June | 4 | – | 231 | 25·8 | 3 | 1 | – | 2 | – | 58 | 4 |
| BOMBAY - - | 821,764 | July | 5 | 218 | 413 | 26·1 | – | 4 | ? | ? | ? | 80‡ | 2 |
| MADRAS - - | 452,518 | June | 24 | 367 | 354 | 40·6 | 1 | 8 | ? | ? | ? | 122 | 4 |
| PARIS - - - | 2,511,629 | July | 23 | 1144 | 796 | 16·4 | – | 28 | 4 | 3* | 11 | 2 | 5 |
| BRUSSELS - - | 531,024 | „ | 23 | 243 | 139 | 13·1 | – | – | 1 | – | – | 2 | 1 |
| AMSTERDAM - | 508,266 | „ | 16 | 280 | 156 | 16·0 | – | 5 | 1 | – | 6 | 4 | – |
| ROTTERDAM - | 301,816 | „ | 16 | 228 | 91 | 15·6 | – | 1 | – | 1 | 3 | 1 | – |
| THE HAGUE - | 196,325 | „ | 16 | 97 | 67 | 17·9 | – | – | – | 1 | 2 | – | – |
| COPENHAGEN - | 340,500 | „ | 16 | 195 | 125 | 19·1 | – | – | – | – | 13 | – | |
| STOCKHOLM - | 274,611 | „ | 16 | 155 | 109 | 17·4 | – | 1 | – | 5* | – | 1 | |
| CHRISTIANIA - | 192,141 | „ | 23 | 115 | 45 | 11·5 | – | 3 | – | – | 1 | – | |
| ST. PETERSBURG | 954,400 | „ | 16 | 611 | 509 | 27·8 | 2 | 9 | 10 | 15 | 5 | 18 | 11 |
| MOSCOW - - | 988,610 | „ | 16 | – | 853 | 45·0 | 7 | 13 | 4 | 4 | 1 | 8 | 42 |
| BERLIN - - | 1,753,775 | „ | 9 | 890 | 563 | 16·6 | – | 22 | 2 | 10 | 8 | – | 9 |
| HAMBURG - - | 661,015 | „ | 23 | – | 198 | 15·6 | – | 11 | 2 | 3* | 3 | 2 | 1 |
| DRESDEN - - | 377,500 | June | 18 | 264 | 137 | 19·3 | – | 6 | – | – | 1 | – | 1 |
| BRESLAU - - | 392,795 | July | 23 | – | 176 | 23·4 | – | – | 2 | – | 2 | – | 4 |
| MUNICH - - | 430,000 | „ | 23 | – | 182 | 22·0 | – | 2 | – | 1* | 2 | – | 1 |
| VIENNA - - | 1,574,129 | „ | 23 | 880 | 586 | 19·2 | – | 14 | 8 | 6* | 4 | 2 | 9 |
| PRAGUE - - | 377,109 | „ | 16 | 199 | 148 | 20·2 | – | 1 | 9 | 1 | – | 3 | |
| BUDA-PESTH - | 648,104 | „ | 16 | 440 | 253 | 20·3 | – | 3 | 1 | 2 | 2 | – | 3 |
| TRIESTE - - | 164,491 | „ | 16 | 113 | 83 | 26·1 | – | – | 1 | 1* | 1 | 3 | 1 |
| ROME - - - | 489,965 | June | 25 | – | – | – | – | – | – | – | – | – | – |
| TURIN (10 days) | 344,203 | „ | 10 | 190 | 171 | 18·1 | – | 3 | – | 1 | 2 | 4 | |
| VENICE - - | 167,074 | July | 9 | 81 | 72 | 22·5 | – | – | – | – | 3 | 3 | 1 |
| CAIRO - - | 570,062 | May | 6 | – | – | – | – | – | – | – | – | – | – |
| ALEXANDRIA - | 319,766 | „ | 6 | – | – | – | – | – | – | – | – | – | – |
| NEW YORK (including BROOKLYN) | 3,438,899 | July | 16 | 1512 | 1419 | 21·5 | – | 10 | 11 | 23 | 35 | 4 | 3 |
| PHILADELPHIA - | 1,240,266 | „ | 9 | – | 720 | 30·3 | – | 5 | 2 | 12 | 4 | 13 | 1 |

* Including deaths from croup.
† Including 6 deaths from cholera in Calcutta, and 2 in Bombay.
‡ Including 38 deaths from bubonic fever.

| 1898. Month and Day. | Phases of the Moon. | Meter. Mean daily reading (corrected and reduced to 32° Fahrenheit). | Temperature. Of the Air. Highest. | Temperature. Of the Air. Lowest | Temperature. Of the Air. Daily Range. | Temperature. Of the Air. Mean daily value. | Temperature. Of the Air. Departure from Average of 50 years. | Temperature. Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Difference. Greatest. | Difference. Least. | Degree of Humidity (Saturation equals 100). | Temperature. Of Radiation. Highest in Sun's Rays. | Temperature. Of Radiation. Lowest on the Grass. | Temperature. Of the Earth 3 feet below the Surface. | Wind as deduced from Anemometers. Osler's. General Direction. A.M. | Osler's. General Direction. P.M. | Osler's. Pressure on the Square Foot. Greatest. | Osler's. Pressure. Least. | Osler's. Pressure. Mean of 24 hourly obs. | Robinson's. Horizontal Movement of the Air on each Day. | Robinson's. Departure from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| July | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| Sunday - 24 | .. | 29·819 | 75·3 | 52·0 | 23·3 | 61·9 | − 0·7 | 49·3 | 12·6 | 24·1 | 3·2 | 64 | 130·2 | 46·3 | 61·13 | NNW., WNW. & W. | W., N. & Variable. | 1·5 | 0·0 | 0·1 | 188 | − 46 | 0·00 | 0·0 |
| Monday - 25 | .. | 29·912 | 74·3 | 53·0 | 21·3 | 63·8 | + 1·4 | 54·1 | 9·7 | 18·9 | 1·3 | 71 | 105·6 | 47·2 | 61·20 | NNE., SE. & SW. | WSW., SW. & NE. | 0·5 | 0·0 | 0·0 | 111 | 123 | 0·00 | 0·0 |
| Tuesday - 26 | First Qr. | 29·936 | 72·6 | 59·7 | 12·9 | 64·9 | + 2·6 | 60·0 | 4·9 | 10·1 | 0·2 | 84 | 112·5 | 58·0 | 61·33 | ENE. & NE. | NE., ENE. & E. | 0·7 | 0·0 | 0·0 | 132 | −103 | 0·00 | 0·0 |
| Wednesday 27 | .. | 29·898 | 79·0 | 58·5 | 20·5 | 66·8 | + 4·5 | 59·1 | 7·7 | 19·2 | 0·8 | 76 | 133·2 | 56·2 | 61·52 | E. & NE. | ENE., E. & ESE. | 1·0 | 0·0 | 0·0 | 118 | −117 | 0·44 | 0·0 |
| Thursday - 28 | .. | 29·763 | 69·9 | 54·3 | 15·6 | 60·4 | − 1·9 | 54·9 | 5·5 | 14·9 | 0·0 | 82 | 90·9 | 51·7 | 61·27 | Variable. | WNW., NW. & WSW. | 2·8 | 0·0 | 0·1 | 181 | − 55 | 0·26 | 0·0 |
| Friday - 29 | Greatest Dec. S. | 29·912 | 59·1 | 51·7 | 7·4 | 54·9 | − 7·4 | 49·0 | 5·9 | 8·2 | 4·6 | 81 | 84·8 | 49·5 | 61·90 | SW. & NNE. | N. & NNW. | 7·2 | 0·0 | 0·8 | 439 | +202 | 0·02 | 0·0 |
| Saturday - 30 | .. | 30·078 | 62·3 | 49·3 | 13·0 | 54·5 | − 7·8 | 45·2 | 9·3 | 16·1 | 4·2 | 71 | 94·9 | 45·3 | 61·40 | NW., NNW. & N. | N., ENE. & S. | 2·5 | 0·0 | 0·1 | 241 | + 2 | 0·00 | 0·0 |
| Means - - | | 29·903 | 70·4 | 54·1 | 16·3 | 61·0 | − 1·3 | 53·1 | 7·9 | 15·9 | 2·0 | 76 | 107·4 | 50·6 | 61·49 | NNW. & ENE. | | .. | .. | .. | Sum 1410 | Sum −240 | Sum 0·72 | 0·0 |
| No. of Column - | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| Date. July | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | General Remarks. |
|---|---|---|---|---|
| Sunday - 24 | w. P. throughout - | 13·5 | 15·7 | Fine and partially cloudy in early morning; generally cloudless afterwards. A very fine day. |
| Monday - 25 | w. P. generally - | 0·8 | 15·7 | Fine and partially cloudy in morning; generally overcast afterwards. |
| Tuesday - 26 | w. P. throughout - | 1·8 | 15·7 | Generally overcast. A slight shower at 3h. P.M. |
| Wednesday 27 | w. P. till 3h. P.M.; v. P. and v. N. till 7h. P.M.; w. P. afterwards. | 6·3 | 15·6 | Overcast in morning; very fine till 3h. P.M.; overcast afterwards. Heavy rain with lightning and thunder in afternoon. |
| Thursday - 28 | w. P. till 2h. P.M.; v. P. and v. N. till 9h. P.M.; m. P. afterwards. | 0·1 | 15·6 | Generally overcast till 8h. P.M.; partially cloudy afterwards. Frequent showers between 1h. P.M. and 8h. P.M. |
| Friday - 29 | w. P. generally - | 0·6 | 15·5 | Generally overcast. Showery in early morning. |
| Saturday - 30 | m. P. generally - | 2·5 | 15·5 | Cloudy till 5h. P.M.; very fine and generally cloudless afterwards. |
| | | Sum 25·6 | Sum 109·3 | |
| No. of Col. - - | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer increased from 29·70 in. at the beginning of the week to 29·96 in. by 11h. A.M. on the 26th; decreased to 29·70 in. by 7h. P.M. on the 28th; and increased to 30·08 in. by the end of the week.

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1898

OFFICIAL COPY.

# WEEKLY RETURN
OF
# BIRTHS AND DEATHS IN LONDON
AND IN
# THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

*Printed under the Superintendence of Her Majesty's Stationery Office,*
AND SOLD BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 31. 1898. Vol. LIX.] Week ending Saturday, Aug. 6. [Price 1½*d*.

*General Register Office, Somerset House,*
*August 8th*, 1898.

## Thirty-three Great Towns.

The deaths registered last week in Thirty-three Great Towns of England and Wales corresponded to an annual rate of 18·3 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| Towns. | Weeks ending July 16. | July 23. | July 30. | Aug. 6. | Towns. | Weeks ending July 16. | July 23. | July 30. | Aug. 6. |
|---|---|---|---|---|---|---|---|---|---|
| **33 Great Towns** | 14·7 | 15·6 | 17·2 | 18·3 | Leicester - - | 12·0 | 14·2 | 15·7 | 16·5 |
| Birkenhead - | 14·3 | 18·9 | 25·3 | 16·6 | Liverpool - - | 18·8 | 21·1 | 23·0 | 24·4 |
| Birmingham - | 12·9 | 17·2 | 19·5 | 20·0 | London - - - | 14·1 | 15·4 | 16·8 | 18·4 |
| Blackburn - | 9·0 | 14·9 | 11·0 | 17·6 | Manchester - - | 19·0 | 17·6 | 19·0 | 21·3 |
| Bolton - - | 22·6 | 12·8 | 14·0 | 14·9 | Newcastle-on-Tyne | 22·9 | 16·8 | 17·8 | 21·0 |
| Bradford - | 14·7 | 14·5 | 13·6 | 15·2 | Norwich - - | 14·0 | 16·3 | 17·3 | 14·5 |
| Brighton - | 11·5 | 15·3 | 11·9 | 10·2 | Nottingham - - | 13·7 | 11·3 | 14·4 | 15·7 |
| Bristol - | 12·2 | 12·3 | 10·7 | 13·3 | Oldham - - | 10·5 | 13·4 | 19·0 | 10·9 |
| Burnley - | 14·3 | 12·4 | 11·9 | 11·9 | Plymouth - - | 16·8 | 16·8 | 13·7 | 24·2 |
| Cardiff - - | 14·7 | 11·4 | 9·4 | 16·7 | Portsmouth - - | 8·7 | 16·2 | 21·8 | 16·8 |
| Croydon - | 9·2 | 4·6 | 13·4 | 14·7 | Preston - - | 15·2 | 14·3 | 11·2 | 17·5 |
| Derby - - | 9·5 | 14·9 | 13·4 | 12·9 | Salford - - - | 19·3 | 23·9 | 27·3 | 25·6 |
| Gateshead - | 12·6 | 19·6 | 15·1 | 14·1 | Sheffield - - | 17·6 | 16·1 | 21·9 | 22·4 |
| Halifax - | 15·6 | 11·3 | 23·7 | 14·6 | Sunderland - - | 18·1 | 17·0 | 19·6 | 23·9 |
| Huddersfield- | 13·7 | 10·7 | 14·8 | 10·2 | Swansea - - | 16·4 | 16·9 | 12·3 | 16·4 |
| Hull - - | 12·9 | 10·9 | 17·2 | 12·0 | West Ham - - | 12·7 | 12·4 | 16·4 | 16·4 |
| Leeds - - | 14·5 | 17·5 | 16·6 | 19·9 | Wolverhampton - | 17·2 | 16·0 | 21·3 | 20·1 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 3·2 in Plymouth; from *scarlet fever*, 1·6 in Plymouth; from *whooping-cough*, 1·1 in Sunderland, and 1·3 in Preston; and from *diarrhœa*, 2·0 in Hull, 2·1 in Plymouth, 2·3 in Blackburn, 2·6 in London, in Cardiff, and in Manchester, 3·0 in Wolverhampton, 3·1 in West Ham, 3·2 in Birkenhead, 3·8 in Leeds, 4·5 in Birmingham and in Leicester, 4·7 in Portsmouth and in Liverpool, 4·8 in Salford, and 5·6 in Sheffield. In no case did the death rate from "*fever*" reach 1·0 per 1000 in any of the thirty-three towns. The 52 deaths from *diphtheria* included 30 in London, 6 in Leeds, 5 in Birmingham, and 4 in West Ham. No death from *small-pox* was registered in any of the thirty-three towns.

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

## London.

In London* 2335 births and 1586 deaths were registered. Allowing for increase of population, the births were 313, and the deaths 184, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 14·1, 15·4, and 16·8 in the preceding three weeks, further rose last week to 18·4. During the four weeks ending on Saturday last the death-rate averaged 16·2 per 1000, being 3·2 per 1000 below the mean rate in the corresponding periods of the ten years 1888–97.

The 1586 deaths included 14 from measles, 8 from scarlet fever, 30 from diphtheria, 29 from whooping-cough, 10 from enteric fever, 227 from diarrhœa and dysentery, 13 from cholera and choleraic diarrhœa, and not one death from small-pox, from typhus, or from any ill-defined form of continued fever; thus, 331 deaths were referred to these diseases, being 110 below the corrected average weekly number.

The deaths from *measles*, which had been 23, 22, and 23 in the preceding three weeks, fell again last week to 14, and were 36 below the corrected average. The deaths from *scarlet fever*, which had been 8, 8, and 7 in the preceding three weeks, were 8 last week, the corrected average being 22; 2 cases belonged to Kensington, and 2 to Hammersmith sanitary areas. The deaths from *diphtheria*, which had been 39, 29, and 21 in the preceding three weeks, rose again last week to 30, but were 15 below the corrected average; 5 cases belonged to Camberwell, and 3 to St. Pancras sanitary areas. The deaths from *whooping-cough*, which had been 40, 38, and 31 in the preceding three weeks, further fell last week to 29, and were 5 below the corrected average; 8 cases belonged to Lambeth, and 4 to Wandsworth sanitary areas. The fatal cases of *enteric fever*, which had been 4, 8, and 7 in the preceding three weeks, rose again last week to 10, but were slightly below the corrected average; 2 cases belonged to Hackney, and 2 to Camberwell sanitary areas. The deaths from *diarrhœa*, which had been 52, 69, and 138 in the preceding three weeks, further rose last week to 227, but were 41 below the corrected average. Of the 227 deaths from diarrhœa, 222 were of children under 5 years of age; 68 more deaths at this age-period were described as due to *gastro-enteritis*, and are included under enteritis in Table 4. The deaths referred to diseases of the respiratory organs, which had been 175, 148, and 173 in the preceding three weeks, were 174 last week, the corrected average being 181. The deaths attributed directly to *influenza* numbered 8, having been 8, 8, and 5 in the preceding three weeks.

Different forms of violence caused 73 deaths, concerning all but 3 of which inquests were held. Of these 73 deaths, 8 were cases of suicide, and 2 of homicide, while the remaining 62 were attributed to accident or negligence. Twelve of these were referred to vehicles in the streets, 11 to drowning, and 8 (of infants under one year of age) to suffocation in bed.

### Cases of Infectious Sickness in Hospitals.†

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 1 case of small-pox, 2326 cases of scarlet fever, 1024 of diphtheria, and 97 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 224 cases, against 265, 276, and 232; of diphtheria, 119 cases, against 156, 151, and 128; and of enteric fever, 23 cases, against 12, 23, and 15.

* Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

† The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.

## Greater London.

In Greater London 3,223 births and 2,076 deaths were registered, corresponding to annual rates of 26·2 and 16·9 per 1000 of the estimated population. In the Outer Ring 7 deaths from measles, 8 from diphtheria, 16 from whooping-cough, and 78 from diarrhœa were registered. Seven deaths from diphtheria, and 34 from diarrhœa occurred in West Ham district.

## Meteorology.

The mean reading of the Barometer last week at Greenwich was 29·816 inches, and that of the Thermometer 63°·8, the latter being 1°·5 above the week's average in the 50 years 1841–90. The direction of the wind was Westerly, the horizontal movement of the air being 37 per cent. above the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 58·4 hours; the measured rainfall amounted to 0·06 of an inch.

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## Returns of London Water Companies.

The London Water Companies have been good enough to furnish the following account of the number of services and the average daily amount of water supplied during the month of July 1898. The supply was in the ratio of 267 gallons to one service.

| Companies. | Number of Services. | | Daily Supply of Water in Gallons. | |
|---|---|---|---|---|
| | July, 1897. | July, 1898. | July, 1897. | July, 1898. |
| Total Supply | 846,646 | 861,546 | 235,605,042 | 229,871,530 |
| From Thames | 408,236 | 413,402 | 124,701,734 | 124,250,360 |
| From Lea and from other Sources | 438,410 | 448,144 | 110,903,308 | 105,621,170 |
| **Thames.** | | | | |
| Chelsea | 37,595 | 35,974 | 14,495,057 | 13,225,278 |
| West Middlesex | 81,333 | 82,629 | 23,266,940 | 23,917,011 |
| Southwark and Vauxhall | 120,693 | 121,819 | 37,325,108 | 36,931,031 |
| Grand Junction | 61,569 | 62,766 | 22,343,887 | 22,647,111 |
| Lambeth | 107,046 | 110,214 | 27,270,742 | 27,529,929 |
| **Lea and other Sources.** | | | | |
| New River | 162,358 | 164,676 | 42,006,000 | 42,694,436 |
| East London | 190,537 | 195,360 | 49,291,142 | 44,959,166 |
| Kent | 85,515 | 88,108 | 19,606,166 | 17,967,568 |

*Note.*—The Return for July 1898, as compared with that for the corresponding month of 1897, shows an increase of 14,900 services and a decrease of 5,733,512 gallons of water supplied daily.

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## Analysis of Metropolitan Water Supply during June 1898.

*Water-analysis Laboratory, The Yews, Reigate,*
*30th July*, 1898.

Sir,

I have to report to you the results of the chemical analysis, and of the physical and bacterioscopic examination, of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of July.

At the request of the Associated Metropolitan Water Companies, I have extended these monthly examinations to (*a*) the bacterioscopic and chemical condition of the raw river waters at the intakes of the various Companies, and (*b*) to the bacteriology of the water as it issues from the filter beds of each Company, and before it is pumped into the distributing mains.

I append, also, the results obtained in the analysis of the water supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill, of Birmingham, and Dr. Mills, of Glasgow.

## *Analysis of Metropolitan Waters.*

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

| | Companies or Local Authorities. | Date and Place of Collection. | Temperature in Centigrade degrees. | Total Solid Matter. | Organic Carbon. | Organic Nitrogen. | Ammonia. | Nitrogen as Nitrates and Nitrites. | Total Combined Nitrogen. | Chlorine. | Total Hardness. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Inner Circle. | THAMES. (Unfiltered water) - | July 1st, Grand Junction Co.'s intake at Hampton. | 19·1° | 25·52 | ·233 | ·048 | ·010 | ·155 | ·212 | 1·7 | 18·6 |
| | Chelsea - - - | July 5th, Cab Rank, Horse Guards, Whitehall. | 17·6 | 24·52 | ·104 | ·018 | 0 | ·153 | ·171 | 1·7 | 17·7 |
| | West Middlesex - | July 5th, Cab Rank, Riding House-street. | 15·7 | 24·14 | ·108 | ·019 | 0 | ·125 | ·144 | 1·7 | 17·1 |
| | Southwark - - | July 5th, Cab Rank, St. George's Church, Borough. | 18·7 | 24·42 | ·098 | ·015 | 0 | ·117 | ·132 | 1·7 | 17·7 |
| | Grand Junction - | July 5th, Cab Rank, Portman-street, Oxford-street. | 18·5 | 24·18 | 114 | ·015 | 0 | ·142 | ·157 | 1·7 | 17·1 |
| | Lambeth - - - | July 5th, Cab Rank, St. George's-road, Southwark. | 18·6 | 24·56 | ·112 | ·016 | 0 | ·155 | ·171 | 1·7 | 17·7 |
| | LEA. (Unfiltered water) - | July 4th, New River Cut at Green Lanes. | 17·4 | 31·04 | ·117 | ·021 | ·005 | ·202 | ·227 | 1·7 | 21·2 |
| | New River - - | July 5th, Cab Rank, Tottenham Court-road. | 17·7 | 29·04 | ·036 | ·011 | 0 | ·161 | ·172 | 1·8 | 19·4 |
| | (Unfiltered water) - | July 4th, East London Co.'s intake at Angel-road. | 19·1 | 30·60 | ·279 | ·052 | ·007 | ·194 | ·252 | 2·1 | 21·5 |
| | East London - - | July 5th, Cab Rank, Sidney-street, E. | 18·0 | 28·54 | ·114 | ·015 | 0 | ·058 | ·073 | 2·2 | 18·3 |
| Outer Circle. | DEEP WELLS. Kent - - - | July 5th, Police Station, Blackheath-road. | 12·9 | 41·54 | ·028 | ·004 | 0 | ·474 | ·478 | 2·3 | 28·1 |
| | East London - - | July 9th, Waltham Abbey Well. | — | 28·80 | ·112 | ·012 | ·014 | trace | ·024 | 2·1 | 19·7 |
| | Corporation of Birmingham* - - - - | July 19th, 75 and 76, Floodgate-Street. | 18·9 | 25·6 | ·180 | ·050 | ·002 | ·050 | ·102 | 1·9 | 16·5 |
| | Corporation of Glasgow† | July 15th, Loch Katrine water. | 16·1 | 2·56 | ·128 | ·011 | 0 | ·004 | ·015 | 0·7 | 1·1 |
| | Column 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. |

* Analysed by Dr. Alfred Hill, F.I.C., Medical Officer of Health and Analyst to the City.

† Analysed by Dr. E. J. Mills, F.R.S., of the Glasgow and West of Scotland Technical College.

All the numbers contained in columns 4, 5, 6, 7, 8, 9, 10, and 11, relate to 100,000 parts of the waters. The Table is to be read thus:—The Thames water collected on the 1st July at the Grand Junction Company's intake at Hampton had a temperature of 19·1° C.; 100,000 lbs. of it contained 25·52 lbs. of solid matter in solution; the organic substances, constituting a portion of this matter, contained ·233 lb. of carbon and ·048 lb. of nitrogen. The above quantity of water also contained ·010 lb. of ammonia and ·155 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was ·212 lb. The above weight of water also contained 1·7 lb. of chlorine, and 18·6 lbs. of carbonate of lime, or an equivalent amount of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

Taking the average amount of organic impurity in a given volume of the Kent Company's water during the nine years ending December 1876, as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies, was:—Kent 0·5, New River 0·8, Southwark 1·9, Chelsea, West Middlesex and East London (deep well) 2·1, Grand Junction, Lambeth and East London (river supply) 2·2. The unfiltered waters contained the following proportions:—Thames at Hampton 4·8, New River Cut 2·3, and Lea at Angel Road 5·6.

The Thames at Hampton was, on July 1st, turbid and pale yellow in colour; it was of indifferent chemical, but fairly good bacterial, quality; the water supplied by the five Companies drawing from this river was, in every case, efficiently filtered before delivery. The bacterial purity was also very satisfactory. The bacterial improvement effected by these Companies is expressed by the following percentage numbers:—Chelsea 98·22, West Middlesex 97·42, Southwark (No. 4 filter) 99·47, (No. 8 filter) 99·29, (general supply from Hampton) 99·29, Grand Junction (general well at Hampton) 98·67, (general well at Kew) 98·05, (South well at Kew) 98·93, (general supply from Kew) 97·60, and Lambeth 99·82.

The New River Cut, before entering the storage and subsidence reservoirs of the New River Company, was, on the 4th July, turbid and very pale yellow in colour. It was of excellent chemical and fairly good bacterial quality. After efficient filtration, it was delivered to consumers in most excellent chemical and bacterial condition. The bacterial improvement is expressed by the following percentage numbers:—No. 3 filter 100, No. 6 filter 99·49, and general filter well 96·71.

The water drawn from the Lea at Angel-road by the East London Company was, on the 4th of July, turbid and pale yellow in colour. It was of bad chemical and bacterial quality. After storage and efficient filtration, it was delivered in excellent chemical condition; but the water of all three filter wells seriously transgressed the standard of 100 microbes per cubic centimetre; consequently the bacterial improvement effected by this Company was much less than usual. It is expressed by the following percentage numbers:—No. 1 Essex well 88·84, No. 2 Essex well 45·45, and Middlesex well 76·57.

The deep well water of the Kent Company was clear and bright without filtration, but that of the East London Company was very slightly turbid. Both waters were of excellent quality, and that of the Kent Company possessed an extremely high degree of organic purity.

Seen through a stratum two feet deep, the Kent water was clear and colourless, the East London (deep well) very slightly turbid and colourless, the New River clear and nearly colourless, the Southwark very pale yellow and very slightly turbid from particles of rust of iron. The remaining waters were clear and very pale yellow.

The bacterioscopic examination of the river waters, before and after storage, and of the filtered supplies delivered by the various Companies, and collected on the 1st, 2nd, 4th and 5th of July yielded, after prolonged incubation, the results contained in the following Table:—

| Description. | Microbes per c.c. | Temp. C. |
|---|---|---|
| **Raw and Stored River Waters.** | | ° |
| River Thames at Hampton, July 1st | 2,250 | 19·1 |
| " " after storage for 12 days (Chelsea Company), July 1st | lost | 17·6 |
| West Middlesex Company's water, from mixed storage, July 2nd | 600 | 17·8 |
| Grand Junction Company's water at Kew Bridge, passing to filters, July 2nd | 1,180 | 19·4 |
| New River Cut before passing through reservoirs, July 4th | 1,580 | 17·4 |
| " " " after " " " " | 560 | 17·7 |
| River Lea at Angel-road, July 4th | 4,550 | 19·1 |
| " " after storage (East London Company), July 4th | 2,880 | 18·4 |
| **Filtered River Waters as supplied.** | | |
| **Thames.** | | |
| Chelsea Company's general filter well, July 1st | 40 | 17·6 |
| West Middlesex Company's general filter well, July 2nd | 58 | 18·1 |
| Southwark Company's No. 4 filter well, July 1st | 12 | 18·1 |
| " " " 8 " " " | 16 | 18·2 |
| " " " tap on filtered water main at Hampton works, July 1st | 16 | 18·3 |
| Grand Junction Company's general filter well at Hampton, July 1st | 30 | 18·7 |
| " " " " " " Kew Bridge, July 2nd | 44 | 18·6 |
| " " " South " " " " " | 24 | 18·7 |
| " " " tap on filtered water main at Kew Bridge, July 2nd | 54 | 18·7 |
| Lambeth Company's general filter well, July 1st | 4 | 18·3 |
| **Lea** | | |
| New River Company's general filter well, July 4th | 52 | 17·5 |
| " " " No. 3 " " " | 0 | 17·7 |
| " " " No. 6 " " " | 8 | — |
| East London Company's No. 1 Essex filter | 508 | 17·7 |
| " " " No. 2 " " July 4th | 2,482 | 17·6 |
| " " " Middlesex " " | 1,066 | 17·9 |
| **Deep-well.** | | |
| Kent Company's "New Well" at Deptford, July 5th | 9 | 11·3 |

Dr. Hill, F.I.C., Medical Officer of Health for Birmingham, reports that the water supplied to that City was "very slightly turbid in the two-foot tube."

Dr. Mills, F.R.S., of the Glasgow and West of Scotland Technical College, reports that the water supplied to that City from Loch Katrine was "light brown in colour, and contained a little suspended matter."

I am, &c.,

E. FRANKLAND.

The Registrar-General, &c., &c.

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| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Registered during the Week ending 6th August 1898. Births. | Deaths. | The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Annual Rate per 1000, corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6–12. | Temperature of the Air. Highest. Fahrenheit. | Lowest. Fahrenheit. | Mean. Fahrenheit. | Centigrade. | Rainfall. In Inches. | In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18 | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| **33 Towns** - | **11,218,378** | **5742** | **3932** | **1503** | **723** | - | **45** | **23** | **52** | **71** | **29** | **574** | **146** | **288** | **764** | **55** | **18·3** | **3·7** | **79·4** | **41·4** | **59·9** | **15·50** | **0·80** | **2·03** | **33 Towns.** |
| London - - | 4,504,766 | 2335 | 1586 | 592 | 291 | - | 14 | 8 | 30 | 29 | 10 | 227 | 73 | 140 | 413 | 9 | 18·4 | 3·7 | 79·4 | 47·4 | 63·8 | 17·67 | 0·06 | 0·15 | London. |
| West Ham - - | 286,654 | 138 | 90 | 45 | 10 | - | 1 | - | 4 | 2 | - | 17 | 3 | 7 | 13 | - | 16·4 | 4·4 | - | - | - | - | - | - | West Ham. |
| Croydon - - | 124,421 | 53 | 35 | 9 | 11 | - | 1 | - | - | 2 | - | 1 | - | 2 | 9 | - | 14·7 | 1·7 | 78·2 | 43·5 | 61·2 | 16·22 | 0·01 | 0·03 | Croydon. |
| Brighton - - | 122,310 | 49 | 24 | 6 | 6 | - | - | - | - | - | - | - | 2 | 4 | 5 | - | 10·2 | - | 73·0 | 46·0 | 60·4 | 15·78 | 0·23 | 0·58 | Brighton. |
| Portsmouth - | 186,618 | 69 | 60 | 27 | 8 | - | 1 | - | 1 | - | 1 | 17 | 1 | 4 | 10 | 2 | 16·8 | 5·6 | - | - | - | - | - | - | Portsmouth. |
| Plymouth - - | 99,136 | 50 | 46 | 19 | 7 | - | 6 | 3 | - | 1 | - | 4 | 1 | 3 | 1 | - | 24·2 | 7·4 | - | - | - | - | - | - | Plymouth. |
| Bristol - - | 316,900 | 128 | 81 | 33 | 18 | - | 1 | - | - | 1 | - | 7 | 1 | 4 | 21 | 1 | 13·3 | 1·5 | 71·2 | 48·0 | 59·7 | 15·39 | 0·69 | 1·75 | Bristol. |
| Cardiff - - | 177,770 | 109 | 57 | 29 | 9 | - | 1 | - | 1 | 1 | - | 9 | - | 4 | 10 | - | 16·7 | 3·5 | - | - | - | - | - | - | Cardiff. |
| Swansea - - | 102,001 | 52 | 32 | 11 | 4 | - | - | - | - | - | 1 | 1 | 3 | 3 | 4 | 1 | 16·4 | 1·0 | - | - | - | - | - | - | Swansea. |
| Wolverhampton | 88,051 | 62 | 34 | 16 | 7 | - | - | - | - | 1 | - | 5 | - | 1 | 4 | - | 20·1 | 3·6 | 73·0 | 41·4 | 58·2 | 14·56 | 0·99 | 2·51 | Wolverhampton. |
| Birmingham - | 510,343 | 275 | 196 | 87 | 33 | - | 1 | - | 5 | 1 | 2 | 44 | 6 | 8 | 34 | 9 | 20·0 | 5·4 | - | - | - | - | - | - | Birmingham. |
| Norwich - - | 111,699 | 61 | 31 | 10 | 8 | - | 1 | 1 | - | - | 1 | 1 | - | 2 | 1 | 1 | 14·5 | 1·9 | 76·8 | 43·0 | 60·2 | 15·67 | 0·14 | 0·36 | Norwich. |
| Leicester - - | 208,662 | 88 | 66 | 28 | 17 | - | - | - | 1 | - | - | 18 | 4 | 6 | 10 | 1 | 16·5 | 4·7 | - | - | - | - | - | - | Leicester. |
| Nottingham - | 236,137 | 111 | 71 | 26 | 16 | - | - | - | - | - | - | 8 | 2 | 4 | 11 | - | 15·7 | 1·8 | 75·8 | 45·0 | 60·1 | 15·61 | 0·21 | 0·53 | Nottingham. |
| Derby - - - | 104,834 | 51 | 26 | 1 | 7 | - | - | 1 | - | 1 | - | 1 | 2 | 2 | 4 | - | 12·9 | 1·5 | - | - | - | - | - | - | Derby. |
| Birkenhead - | 113,189 | 51 | 36 | 24 | 2 | - | - | - | - | - | - | 7 | 1 | 3 | 3 | 1 | 16·6 | 3·2 | - | - | - | - | - | - | Birkenhead. |
| Liverpool - - | 633,645 | 364 | 296 | 113 | 47 | - | 4 | - | 1 | 4 | 5 | 57 | 11 | 17 | 68 | 16 | 24·4 | 5·8 | 71·0 | 50·6 | 57·7 | 14·28 | 1·46 | 3·71 | Liverpool. |
| Bolton - - | 122,495 | 86 | 35 | 8 | 8 | - | - | 2 | - | 1 | 1 | 2 | 1 | 6 | 1 | - | 14·9 | 2·6 | - | - | - | - | - | - | Bolton. |
| Manchester - | 539,079 | 264 | 220 | 72 | 44 | - | 4 | - | 1 | 6 | 3 | 27 | 6 | 16 | 41 | 2 | 21·3 | 4·0 | - | - | - | - | - | - | Manchester. |
| Salford - - | 215,702 | 120 | 106 | 56 | 9 | - | - | - | - | 2 | - | 20 | 6 | 8 | 12 | 1 | 25·6 | 5·3 | - | - | - | - | - | - | Salford. |
| Oldham - - | 148,288 | 68 | 31 | 7 | 4 | - | - | 1 | 1 | - | - | 3 | - | 1 | 2 | - | 10·9 | 1·8 | - | - | - | - | - | - | Oldham. |
| Burnley - - | 109,546 | 65 | 25 | 3 | 4 | - | - | - | - | - | - | - | 1 | 1 | 3 | - | 11·9 | - | - | - | - | - | - | - | Burnley. |
| Blackburn - | 133,228 | 73 | 45 | 24 | 8 | - | - | 1 | - | - | - | 6 | - | 1 | 2 | 3 | 17·6 | 2·7 | - | - | - | - | - | - | Blackburn. |
| Preston - - | 116,356 | 69 | 39 | 19 | 7 | - | - | - | - | 3 | - | 3 | - | - | 1 | 1 | 17·5 | 2·7 | - | - | - | - | - | - | Preston. |
| Huddersfield - | 102,454 | 37 | 20 | 4 | 7 | - | - | - | - | - | - | - | 2 | 2 | - | 1 | 10·2 | - | 72·5 | 50·0 | 58·6 | 14·78 | 1·79 | 4·55 | Huddersfield. |
| Halifax - - | 96,729 | 39 | 27 | 7 | 10 | - | - | - | - | 1 | - | - | 1 | 3 | 4 | - | 14·6 | 0·5 | - | - | - | - | - | - | Halifax. |
| Bradford - - | 233,737 | 94 | 68 | 21 | 15 | - | 1 | - | - | 1 | - | 7 | 3 | 6 | 10 | - | 15·2 | 2·0 | 73·2 | 50·0 | 60·4 | 15·78 | 1·24 | 3·15 | Bradford. |
| Leeds - - - | 416,618 | 200 | 159 | 70 | 25 | - | 2 | 2 | 6 | 1 | 1 | 30 | 2 | 9 | 15 | - | 19·9 | 5·3 | - | - | - | - | - | - | Leeds. |
| Sheffield - - | 356,478 | 212 | 153 | 71 | 29 | - | 2 | 2 | - | 5 | 2 | 38 | 3 | 4 | 17 | 2 | 22·4 | 7·2 | - | - | - | - | - | - | Sheffield. |
| Hull - - - | 229,887 | 118 | 53 | 23 | 10 | - | - | - | - | 1 | 1 | 9 | 7 | 8 | 5 | - | 12·0 | 2·5 | 75·0 | 44·0 | 59·1 | 15·06 | 1·94 | 4·93 | Hull. |
| Sunderland - | 143,849 | 65 | 66 | 17 | 13 | - | 2 | - | - | 3 | 1 | 3 | 2 | 4 | 12 | 3 | 23·9 | 3·3 | - | - | - | - | - | - | Sunderland. |
| Gateshead - - | 103,775 | 65 | 28 | 9 | 8 | - | - | 1 | - | 1 | - | - | - | 1 | 3 | - | 14·1 | 1·0 | - | - | - | - | - | - | Gateshead. |
| Newcastle - - | 223,021 | 121 | 90 | 16 | 21 | - | 3 | 1 | 1 | 3 | - | 2 | 2 | 4 | 15 | 1 | 21·0 | 2·3 | - | - | - | - | - | - | Newcastle. |

See note * on first page of this return.

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the THIRTY-FIRST Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2530 | 2481 | 2557 | 2317 | 2376 | 2570 | 2695 | 2624 | 2623 | 2395 | 2648·4 | 2335 |
| Males - - | 1306 | 1216 | 1338 | 1199 | 1258 | 1359 | 1379 | 1376 | 1343 | 1227 | 1368·1 | 1171 |
| Females - | 1224 | 1265 | 1219 | 1118 | 1118 | 1211 | 1316 | 1248 | 1280 | 1168 | 1280·3 | 1164 |
| TOTAL **Deaths** - | 1309 | 1532 | 1683 | 1646 | 1409 | 1715 | 1464 | 1806 | 2058 | 2202 | 1770·4 | 1586 |
| Males - - | 663 | 825 | 881 | 833 | 734 | 913 | 775 | 915 | 1103 | 1176 | 933·2 | 852 |
| Females - - | 646 | 707 | 802 | 763 | 675 | 802 | 689 | 891 | 955 | 1026 | 837·2 | 734 |

The numbers in this column are the average weekly numbers in the thirty-first week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | May 14. | May 21. | May 28. | June 4. | June 11. | June 18. | June 25. | July 2. | July 9. | July 16. | July 23. | July 30. | Aug 6. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** - - - | 2425 | 2285 | 2569 | 2199 | 2646 | 2532 | 2385 | 2475 | 2502 | 2502 | 2505 | 2696 | 2335 |
| TOTAL **Deaths** - - - | 1356 | 1360 | 1385 | 1392 | 1411 | 1193 | 1257 | 1256 | 1232 | 1214 | 1330 | 1453 | 1586 |
| Ages at Death: Under 1 year - - | 288 | 322 | 339 | 259 | 294 | 276 | 306 | 305 | 301 | 305 | 385 | 493 | 592 |
| 1—5 years - - | 206 | 215 | 202 | 225 | 200 | 155 | 167 | 173 | 142 | 157 | 152 | 175 | 198 |
| 5—20 " - - | 71 | 86 | 83 | 94 | 83 | 68 | 74 | 86 | 63 | 78 | 79 | 71 | 85 |
| 20—40 " - - | 200 | 176 | 167 | 173 | 192 | 170 | 187 | 181 | 171 | 179 | 152 | 182 | 158 |
| 40—60 " - - | 268 | 271 | 246 | 281 | 288 | 259 | 244 | 248 | 281 | 220 | 249 | 248 | 262 |
| 60—80 " - - | 259 | 247 | 293 | 294 | 302 | 225 | 228 | 227 | 223 | 220 | 254 | 226 | 238 |
| 80 year and upwards | 64 | 43 | 55 | 66 | 52 | 40 | 51 | 36 | 51 | 55 | 59 | 58 | 53 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox - - - - - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Measles - - - - - | 76 | 82 | 74 | 68 | 74 | 50 | 43 | 48 | 28 | 23 | 22 | 23 | 14 |
| Scarlet Fever - - - | 11 | 16 | 6 | 17 | 10 | 10 | 8 | 12 | 8 | 8 | 8 | 7 | 8 |
| Diphtheria - - - - | 20 | 31 | 27 | 30 | 23 | 26 | 21 | 29 | 27 | 39 | 29 | 21 | 30 |
| Whooping-cough - - - | 48 | 47 | 59 | 45 | 51 | 44 | 39 | 42 | 41 | 40 | 38 | 31 | 29 |
| Typhus - - - - - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Enteric Fever - - - | 7 | 1 | 6 | 3 | 4 | 4 | 4 | 10 | 7 | 4 | 8 | 7 | 10 |
| Simple Continued Fever - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Diarrhœa and Dysentery .. | 8 | 16 | 10 | 17 | 22 | 12 | 17 | 22 | 25 | 52 | 69 | 138 | 227 |
| Cholera - - - - - - | - | - | - | - | - | - | - | - | - | 3 | 2 | 8 | 13 |
| All the above Diseases - | 170 | 193 | 182 | 180 | 184 | 146 | 132 | 163 | 136 | 169 | 176 | 235 | 331 |
| Dis. of Respiratory System - | 232 | 177 | 216 | 226 | 212 | 185 | 171 | 162 | 160 | 175 | 148 | 173 | 174 |
| Phthisis - - - - - | 168 | 159 | 134 | 126 | 156 | 134 | 140 | 149 | 150 | 126 | 148 | 133 | 124 |
| Dis. of Circulatory System - | 114 | 141 | 120 | 141 | 124 | 87 | 92 | 111 | 107 | 91 | 119 | 116 | 122 |
| Violence - - - - | 58 | 65 | 63 | 77 | 88 | 53 | 71 | 56 | 56 | 55 | 64 | 79 | 73 |
| Inquest Cases - - - - | 122 | 108 | 154 | 150 | 166 | 106 | 112 | 126 | 112 | 119 | 127 | 163 | 140 |
| Deaths in Public Institutions - | 431 | 449 | 438 | 451 | 430 | 395 | 418 | 397 | 404 | 367 | 434 | 447 | 413 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean - - - - - - | 50°·7 | 49°·0 | 54°·7 | 51°·9 | 60°·2 | 55°·2 | 60°·5 | 59°·3 | 60°·0 | 61°·9 | 62°·8 | 61°·0 | 63°·8 |
| Mean of Highest readings - | 59·0 | 56·7 | 64·8 | 61·2 | 70·6 | 63·5 | 70·5 | 69·3 | 70·1 | 73·4 | 74·2 | 70·4 | 75·9 |
| Mean of Lowest readings - | 44·7 | 42·8 | 46·7 | 44·6 | 50·8 | 48·3 | 53·1 | 51·6 | 52·0 | 50·9 | 54·2 | 54·1 | 52·7 |
| Humidity of the Air - - | 76 | 82 | 76 | 76 | 78 | 76 | 74 | 75 | 71 | 68 | 74 | 76 | 69 |
| Rain-fall (in inches) - - | 0·54 | 0·78 | 0·40 | 0·81 | 0·32 | 0·01 | 0·47 | 0·84 | 0·00 | 0·02 | 0·45 | 0·72 | 0·06 |
| Registered Sunshine (in hours) | 30·8 | 32·2 | 37·0 | 26·4 | 41·1 | 32·3 | 39·3 | 45·6 | 40·4 | 52·0 | 36·1 | 25·6 | 58·4 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox - - - - - | - | - | - | 1 | 1 | 1 | - | - | - | - | - | - | 1 |
| Scarlet Fever - - - - | 2247 | 2241 | 2195 | 2207 | 2169 | 2194 | 2238 | 2205 | 2250 | 2314 | 2355 | 2321 | 2326 |
| Diphtheria - - - - | 948 | 953 | 923 | 973 | 1001 | 1018 | 999 | 976 | 1013 | 1033 | 1034 | 1022 | 1024 |
| Enteric Fever - - - - | 57 | 55 | 54 | 55 | 44 | 47 | 52 | 53 | 62 | 68 | 85 | 87 | 97 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton: A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and T. Boobbyer Esq., M.E., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S Preston; A. Johnson, Esq., M.Inst.C.E., Bradford; and Mr. E. Peak, Hull.

ABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-FIRST Week of the Year 1898.

| USES OF DEATH. | Corrected Averages for the 31st Week of the 10 years 1888–97*. | In the Week ending Saturday, 6th August 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0–1. | 1–5. | 5–20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| AUSES - - - | 1770·4 | 1586 | 592 | 198 | 85 | 158 | 262 | 238 | 53 |
| l- Vaccinated† - | 0·2 | – | – | – | – | – | – | – | – |
| Unvaccinated | 0·3 | – | – | – | – | – | – | – | – |
| No Statement | 0·5 | – | – | – | – | – | – | – | – |
| es - - - - | 50·3 | 14 | 1 | 13 | – | – | – | – | – |
| t Fever - - - | 21·9 | 8 | – | 6 | 2 | – | – | – | – |
| us - - - - | 0·2 | – | – | – | – | – | – | – | – |
| sing Fever - - | – | – | – | – | – | – | – | – | – |
| nza - - - - | 3·6 | 8 | 1 | – | – | 2 | 1 | 4 | – |
| ping-cough - - | 34·0 | 29 | 16 | 11 | 2 | – | – | – | – |
| heria - - | 45·1 | 30 | 1 | 19 | 9 | 1 | – | – | – |
| e Continued and defined Fever - | 0·6 | – | – | – | – | – | – | – | – |
| ic Fever - - - | 10·5 | 10 | – | – | 1 | 4 | 4 | 1 | – |
| ra and Chol. Diarr. | 9·4 | 13 | 13 | – | – | – | – | – | – |
| ncea, Dysentery - | 267·7 | 227 | 190 | 32 | – | 1 | 1 | 2 | 2 |
| tent Fever - - | 0·1 | – | – | – | – | – | – | – | – |
| phobia - - - | – | – | – | – | – | – | – | – | – |
| ers - - - - | 0·1 | – | – | – | – | – | – | – | – |
| ox and Effects of ination - - | 0·1 | – | – | – | – | – | – | – | – |
| eal Affections - - | 10·2 | 9 | 5 | 1 | – | 2 | 1 | – | – |
| pelas - - - | 4·2 | 4 | – | 1 | – | – | – | 3 | – |
| ia and Septicæmia | 1·9 | – | – | – | – | – | – | – | – |
| eral Fever - - | 3·8 | – | – | – | – | – | – | – | – |
| Zymotic Diseases | 1·7 | 2 | – | 1 | – | 1 | – | – | – |
| h - - - - | 2·5 | – | – | – | – | – | – | – | – |
| s and other Parasitical Diseases - | 0·1 | 2 | – | – | – | 2 | – | – | – |
| ition, Want of st-milk - - | 3·4 | 2 | 2 | – | – | – | – | – | – |
| olism - - - | 9·0 | 10 | – | – | – | 3 | 6 | 1 | – |
| matic Fever, umatism of Heart | 5·3 | 6 | – | – | 2 | 3 | – | 1 | – |
| matism - - - | 1·7 | – | – | – | – | – | – | – | – |
| - - - - - | 2·3 | – | – | – | – | – | – | – | – |
| ts - - - - | 7·5 | 4 | 4 | – | – | – | – | – | – |
| r - - - - | 68·4 | 87 | – | – | 2 | 9 | 37 | 36 | 3 |
| Mesenterica - - | 41·8 | 25 | 16 | 6 | 1 | 2 | – | – | – |
| cular Meningitis - | 30·7 | 32 | 13 | 10 | 7 | 2 | – | – | – |
| sis - - - - | 142·0 | 124 | 1 | 2 | 17 | 48 | 47 | 8 | 1 |
| la, Tuberculosis - | 25·7 | 19 | 7 | 7 | 1 | – | 3 | 1 | – |
| Constitutional eases - - | 9·7 | 15 | – | – | 1 | – | 10 | 4 | – |
| ature Birth - - | 52·4 | 58 | 58 | – | – | – | – | – | – |
| tasis - - - | 3·3 | 3 | 3 | – | – | – | – | – | – |
| nital Malformations - | 8·7 | 4 | 3 | 1 | – | – | – | – | – |
| s - - - - | | | | | | | | | |
| ge - - - - | 40·1 | 33 | – | – | – | – | 1 | 17 | 15 |
| exy - - - | 40·2 | 25 | – | – | – | 3 | 13 | 8 | 1 |
| psy - - - - | 7·7 | 10 | – | 1 | 2 | 2 | 1 | 4 | – |
| ulsions - - - | 48·5 | 31 | 28 | 3 | – | – | – | – | – |
| Diseases of Brain Nervous System | 82·7 | 70 | 16 | 14 | 4 | 7 | 11 | 14 | 4 |
| ses of Organs of cial Sense - | 4·1 | 2 | – | 2 | – | – | – | – | – |

| CAUSES OF DEATH | Corrected Averages for the 31st Week of the 10 years 1888–97*. | In the Week ending Saturday, 6th August 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0–1. | 1–5. | 5–20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 110·6 | 122 | 1 | 1 | 9 | 20 | 44 | 43 | 4 |
| Croup - - - - | 4·3 | – | – | – | – | – | – | – | – |
| Bronchitis - - - | 87·0 | 85 | 23 | 20 | – | 1 | 12 | 22 | 7 |
| Pneumonia - - - | 66·5 | 78 | 31 | 24 | 2 | 4 | 9 | 5 | 3 |
| Pleurisy - - - - | 5·7 | 1 | – | – | – | – | – | 1 | – |
| Other Diseases of Respiratory System - | 17·4 | 10 | 2 | – | – | 1 | 6 | – | 1 |
| Dentition - - - - | 11·5 | 4 | 4 | – | – | – | – | – | – |
| Quinsy, Sore Throat - | 2·1 | – | – | – | – | – | – | – | – |
| Enteritis - - - - | 72·1 | 93 | 72 | 14 | 1 | 1 | 5 | 5 | – |
| Peritonitis - - - | 7·5 | 9 | – | – | 3 | 2 | 2 | 1 | 1 |
| Diseases of Liver - - | 26·9 | 32 | 3 | – | – | 4 | 13 | 12 | – |
| Other Diseases of Digestive System | 35·8 | 45 | 10 | 3 | 1 | 9 | 6 | 11 | 5 |
| Diseases of Lymphatic System & of Ductless Glands - - - | 3·4 | 2 | – | – | – | 1 | 1 | – | – |
| Diseases of Urinary System - - - | 39·3 | 38 | – | – | 1 | 7 | 11 | 16 | 3 |
| Diseases of Generative System - - - | 5·5 | 6 | – | – | – | 2 | – | 4 | – |
| Accidents of Childbirth - | 4·9 | 1 | – | – | – | 1 | – | – | – |
| Diseases of Locomotive System - - - | 7·2 | 2 | – | – | 1 | 1 | – | – | – |
| Diseases of Integumentary System - - | 6·8 | 5 | – | 1 | – | – | 1 | 2 | 1 |
| VIOLENT DEATHS ‡ (ACCIDENT.) | | | | | | | | | |
| By Railways - - - | | 3 | – | – | 1 | – | 2 | – | – |
| By Vehicles or Horses - | | 12 | 1 | – | 4 | 1 | 2 | 4 | – |
| In Ships, Boats, Docks, (exclusive of Drowning) - - - | | – | – | – | – | – | – | – | – |
| In Building Operations - | | 1 | – | – | – | – | 1 | – | – |
| In Conflagrations - - | | 1 | – | – | – | 1 | – | – | – |
| By Burns, Scalds, Explosions - - | 57·5 | 4 | – | – | – | 2 | – | 1 | 1 |
| By Drowning - - | | 11 | – | – | 6 | 2 | 3 | – | – |
| By Suffocation in Bed - | | 8 | 8 | – | – | – | – | – | – |
| By Poisons or Poisonous Vapours - - | | 1 | – | – | – | 1 | – | – | – |
| Other or not stated causes - - - - | | 22 | 3 | 3 | 5 | 2 | 4 | 4 | 1 |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - | 1·1 | 2 | 1 | – | – | – | 1 | – | – |
| Suicide - - - - | 10·6 | 8 | – | – | – | 4 | 2 | 2 | – |
| Execution - - - | 0·2 | – | – | – | – | – | – | – | – |
| OTHER CAUSES - - | 82·3 | 59 | 55 | 2 | – | – | 1 | 1 | – |

he numbers in this column are the average weekly deaths for the ten years 1888–97, raised by 5·230 per cent. for increase pulation.

ly those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered cal men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

he evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of cnt, murder manslaughter or suicide All such cases are classed under "accident.'

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 6th August, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2335 | 1586 | 392 | 291 | - | 14 | 8 | 30 | 29 | - | 10 | - | 227 | 73 | 140 | 413 |
| WEST DISTRICTS - - - | 778,251 | 372 | 267 | 107 | 53 | - | 2 | 4 | 1 | 3 | - | 3 | - | 34 | 14 | 24 | 59 |
| NORTH DISTRICTS - - - | 1,040,694 | 546 | 313 | 104 | 62 | - | 5 | 2 | 10 | 3 | - | 4 | - | 32 | 13 | 25 | 98 |
| CENTRAL DISTRICTS - - - | 233,635 | 109 | 93 | 24 | 12 | - | - | - | 1 | 1 | - | - | - | 9 | 6 | 10 | 43 |
| EAST DISTRICTS - - - | 716,334 | 447 | 329 | 141 | 53 | - | 4 | - | 2 | 1 | - | - | - | 66 | 12 | 37 | 90 |
| SOUTH DISTRICTS - - - | 1,642,796 | 861 | 564 | 216 | 105 | - | 3 | 2 | 16 | 21 | - | 3 | - | 86 | 28 | 44 | 103 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | — | - | 20 | - | 6 | - | - | - | - | - | - | - | - | - | - | - | 20 |
| WEST DISTRICTS. | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 35 | 23 | 11 | 6 | - | 1 | - | - | - | - | - | - | 1 | - | 3 | 2 |
| St. John Paddington *H* - - G. | 33,510 | 9 | 8 | 1 | 2 | - | - | - | - | - | - | - | - | 1 | - | - | 3 |
| Kensington Town *Ww* - - W. | 122,164 | 52 | 52 | 23 | 11 | - | - | - | - | 1 | - | - | - | 5 | 1 | 3 | 12 |
| Brompton *HH*- - - W & C. | 48,301 | 11 | 5 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 |
| St. Peter Hammersmith - - W. | 9,097 | 8 | 6 | 4 | 2 | - | - | - | - | - | - | - | - | 2 | - | - | - |
| St. Paul Hammersmith *HH* W. & G. | 25,102 | 71 | 32 | 11 | 7 | - | - | 1 | - | 1 | - | 1 | - | 3 | 2 | 3 | 3 |
| Fulham *Ww* - - - W. & C. | 113,781 | 90 | 62 | 33 | 6 | - | - | 3 | 1 | - | - | - | - | 14 | 4 | 6 | 13 |
| Chelsea Kensal Town - C. | 21,450 | 8 | 8 | 7 | - | - | - | - | - | 1 | - | - | - | 3 | - | 1 | - |
| Chelsea North *WHHHHH* - C. | 42,057 | 22 | 13 | 3 | 3 | - | - | - | - | - | - | - | - | 1 | - | - | 7 |
| Chelsea South *HH* - - C. | 33,139 | 11 | 8 | 3 | 3 | - | - | - | - | - | - | 1 | - | 1 | - | 1 | 1 |
| May Fair *W* - - - - G. | 23,827 | 4 | 9 | - | 4 | - | - | - | - | - | - | - | - | - | 1 | 1 | 4 |
| Belgrave *WHHH* - - - C. | 56,140 | 23 | 15 | 2 | 2 | - | - | - | - | - | - | 1 | - | 1 | 3 | 3 | 5 |
| St. John Westminster *HH* - C. | 31,492 | 13 | 6 | 5 | - | - | - | - | - | - | - | - | - | 1 | - | - | - |
| St. Margaret Westminster *H*- C. | 22,097 | 3 | 11 | 2 | 4 | - | - | - | - | - | - | - | - | 1 | 2 | 2 | 7 |
| St. James Westminster *WHH* N. & G. | 23,050 | 5 | 8 | 2 | 2 | - | 1 | - | - | - | - | - | - | - | 1 | 1 | 1 |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 7 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| NORTH DISTRICTS. | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - - W. | 36,595 | 16 | 8 | 2 | 4 | - | - | - | - | - | - | - | - | 1 | - | - | 2 |
| Rectory Marylebone *W* G. & W. | 19,798 | 8 | 4 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 32 | 7 | 3 | 1 | - | - | - | - | - | - | - | - | 3 | - | - | - |
| Christchurch Marylebone *H* - W | 32,547 | 11 | 6 | 4 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| St. John Marylebone *HHH* W. | 32,611 | 15 | 7 | 4 | 1 | - | - | - | - | - | - | - | - | 1 | - | - | - |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 25 | 30 | 8 | 4 | - | 1 | 2 | 4 | - | - | 1 | - | 2 | - | 1 | 11 |
| Regent's Park Pancras *HH* - W. | 37,341 | 16 | 7 | 4 | 1 | - | - | - | - | 1 | - | - | - | 1 | - | - | - |
| Tottenham-court *wHHHH* - N. & W. | 26,757 | 7 | 14 | 1 | 3 | - | - | - | 1 | 1 | - | - | - | - | 1 | 1 | 10 |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 11 | 11 | 4 | 3 | - | - | - | - | - | - | 1 | - | - | - | 1 | 4 |
| Somers Town *HH* - - - N. | 32,161 | 11 | 11 | 5 | - | - | - | - | - | - | - | - | - | 3 | - | - | 4 |
| Camden Town *WH* - - N. | 16,669 | 5 | 14 | 6 | 3 | - | - | - | 1 | - | - | - | - | 1 | - | - | 12 |
| Kentish Town *WW* - - N. | 98,410 | 56 | 33 | 12 | 10 | - | - | - | 1 | - | - | - | - | 4 | 3 | 4 | 10 |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 68 | 47 | 8 | 10 | - | - | - | - | 1 | - | - | - | 3 | 3 | 4 | 27 |
| Islington South-west *H* - N. | 107,365 | 60 | 19 | 9 | 2 | - | 1 | - | - | - | - | - | - | 3 | 1 | 1 | - |
| Islington South-east - - N. | 66,549 | 32 | 10 | 5 | 2 | - | - | - | - | - | - | - | - | 1 | - | 1 | - |
| Highbury *HH* - - - N. | 64,577 | 31 | 16 | 3 | 8 | - | - | - | - | - | - | - | - | 1 | 2 | 2 | 1 |
| Stoke Newington *H* - - N. | 33,485 | 17 | 5 | 1 | 1 | - | - | - | - | - | - | - | - | - | 1 | 1 | - |
| North Hackney - - E. & N. | 213,044 | 23 | 5 | 1 | 1 | - | - | - | - | - | - | 1 | - | 1 | - | - | - |
| Central Hackney *ww* - E. & N. | | 19 | 15 | 5 | - | - | 1 | - | 3 | - | - | 1 | - | 2 | - | 1 | 4 |
| South-west Hackney *HHH* E. & N. | | 40 | 14 | 7 | - | - | - | - | - | - | - | - | - | 1 | - | 1 | 4 |
| South-east Hackney *WwH* E.&N. | | 43 | 30 | 10 | 5 | - | 2 | - | - | - | - | - | - | 4 | 2 | 7 | 9 |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers are received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. The Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River E East London; and K. the Kent Company.

* See note * on second page of this Return.

LE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday, 6th August, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population. 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CENTRAL DISTRICTS. | | | | | | | | | | | | | | | | | | |
| George Bloomsbury - - N. | 16,110 | 7 | 4 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Giles South *WH* - - N. | 12,976 | 16 | 6 | 1 | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 | 3 | – |
| Giles North *H* - - - N. | 9,151 | 2 | 5 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | 3 | – |
| Martin-in-the-Fields *HH* N. & C. | 13,077 | 1 | 5 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 3 | – |
| nd *WHH* - - - - N. | 11,839 | 6 | 7 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | 7 | – |
| *nd Union Workhouse, Edmonton* | †*1,037* | – | 3 | – | 3 | – | – | – | – | – | – | – | – | – | – | – | 3 | – |
| born *wHHHHHHH* - N. | 31,042 | 13 | 20 | 7 | 1 | – | – | – | – | 1 | – | – | – | 2 | – | – | 13 | – |
| ames Clerkenwell - - N. | 15,777 | 5 | 2 | 1 | – | – | – | – | 1 | – | – | – | – | 1 | – | – | – | – |
| well Clerkenwell - - N. | 34,356 | 20 | 11 | 5 | 3 | – | – | – | – | – | – | – | – | 1 | 1 | 2 | – | – |
| well-street - - - - N. | 16,069 | 7 | 5 | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 | 1 | – | – |
| -road *HHHL* - - - N. | 29,897 | 21 | 8 | 3 | – | – | – | – | – | – | – | – | – | 3 | – | – | 2 | – |
| tecross-street - - - N. | 7,595 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| bury - - - - - N. | 4,035 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| *orn Union Workhouse, tcham* - - - - | †*892* | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| otolph *H* - - N. & E. | 6,870 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| rlegate - - - - N. | 3,299 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| epulchre *WH* - - - N. | 9,591 | 4 | 10 | 1 | – | – | – | – | – | – | – | – | – | 1 | 2 | 3 | 8 | – |
| allows Barking - - - N. | 9,059 | – | 3 | – | 2 | – | – | – | – | – | – | – | – | – | 1 | 2 | – | – |
| d Street *H* - - - N. | 2,892 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| *of London Asylum, Stone* - - | †*388* | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| EAST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| editch South *Hl* - E. & N. | 17,975 | 9 | 7 | 3 | 1 | – | – | – | – | – | – | – | – | 4 | – | 1 | 1 | – |
| on New Town *w* - - N. | 29,575 | 12 | 12 | 6 | 3 | – | – | – | – | – | – | – | – | 4 | – | 1 | 5 | – |
| on Old Town - - - N. | 27,645 | 12 | 19 | 10 | 3 | – | 1 | – | – | – | – | – | – | 6 | – | 4 | – | – |
| gerston *WH* - - N. & E. | 47,163 | 28 | 28 | 10 | 5 | – | – | – | – | – | – | – | – | 4 | 1 | 2 | 11 | – |
| nal Green North *H* - E. | 49,301 | 28 | 11 | 6 | 2 | – | 1 | – | – | – | – | – | – | 1 | – | – | – | – |
| nal Green South - - E. | 34,194 | 24 | 12 | 6 | – | – | – | – | – | – | – | – | – | 1 | 1 | 3 | – | – |
| nal Green East *WHl* - E. | 45,667 | 23 | 25 | 11 | 3 | – | – | – | – | – | – | – | – | 7 | – | 3 | 10 | – |
| alfields - - - E. & N. | 26,681 | 14 | 7 | 5 | – | – | – | – | – | – | – | – | – | 1 | 1 | 2 | – | – |
| End New Town *W* - E. | 12,816 | 18 | 11 | 4 | 2 | – | – | – | – | – | – | – | – | 2 | – | 2 | 7 | – |
| techapel Church *H* - E. & N. | 25,561 | 19 | 30 | 3 | 3 | – | – | – | – | – | – | – | – | – | 4 | 6 | 23 | – |
| lman's Fields - - - E. | 13,618 | 9 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| eorge's North - - - E. | 39,576 | 50 | 8 | 4 | – | – | – | – | – | – | – | – | – | 1 | – | – | – | – |
| ohn, St. George East *W* E. | 7,930 | 3 | 7 | 2 | 3 | – | – | – | – | – | – | – | – | – | – | 1 | 5 | – |
| lwell *H* - - - E. & N. | 10,434 | 5 | 15 | 13 | – | – | – | – | – | – | – | – | – | 5 | – | – | 10 | – |
| liff *W* - - - - E. | 14,954 | 5 | 7 | 3 | 1 | – | – | – | – | – | – | – | – | – | 1 | 2 | – | – |
| ehouse - - - - E. | 32,917 | 22 | 15 | 6 | 2 | – | – | – | – | – | – | – | – | 4 | – | – | – | – |
| End Old Town West *H* E. | 111,060 | 35 | 15 | 8 | 1 | – | – | – | 1 | – | – | – | – | 4 | – | – | – | – |
| End Old Town East *Www* - E. | | 43 | 27 | 14 | 4 | – | – | – | 1 | – | – | – | – | 8 | 1 | 2 | 3 | – |
| *l* - - - - E. | 41,687 | 21 | 17 | 7 | 4 | – | – | – | – | – | – | – | – | 7 | 1 | 2 | 2 | – |
| aley *wwwH* - - - E. | 69,821 | 45 | 39 | 11 | 11 | – | 1 | – | – | 1 | – | – | – | 3 | 2 | 6 | 13 | – |
| ar *WW* - - - - E. | 57,759 | 22 | 16 | 9 | 4 | – | 1 | – | – | – | – | – | – | 4 | – | – | – | – |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX MEASL SCARLET FEVER. DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in ea SUB-DISTRICT during the Week ending Saturday, 6th August, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Continued Simple Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WHL*.&S. | 13,064 | 6 | 4 | 2 | - | - | - | - | - | - | - | - | - | 2 | - | - | - |
| St. Saviour Southwark - - S. | 12,301 | 4 | 4 | 2 | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - |
| Kent-road - - - - S. & L. | 22,879 | 15 | 7 | 4 | 1 | - | - | - | - | - | - | - | - | 2 | - | 1 | - |
| Borough-road *WH* - S. & L. | 16,083 | 12 | 7 | 4 | 1 | - | - | - | - | 1 | - | - | - | 3 | - | - | 3 |
| London-road *HL* - - L. & S. | 21,316 | 16 | 6 | 1 | - | - | - | - | - | - | - | - | - | 1 | 1 | 1 | 1 |
| Trinity Newington - - S. & L. | 28,723 | 12 | 7 | 5 | 1 | - | - | - | - | 1 | - | - | - | 4 | - | - | - |
| St. Peter Walworth *W* - S. & L. | 62,045 | 29 | 18 | 12 | - | - | - | - | - | - | - | - | - | 2 | - | - | - |
| St. Mary Newington- - L. & S. | 30,171 | 25 | 13 | 8 | 1 | - | - | - | - | - | - | - | - | 2 | - | - | - |
| St. Olave *WH*- - - - S. | 11,731 | 7 | 13 | 1 | 2 | - | - | - | - | 1 | - | - | - | 1 | 3 | 3 | 10 |
| Leather Market *W* - S. & L. | 32,339 | 17 | 10 | 4 | 1 | - | - | - | 1 | - | - | - | - | - | 1 | 2 | - |
| St. James Bermondsey - - S. | 53,136 | 31 | 15 | 5 | 2 | - | - | - | - | - | - | - | - | 1 | 1 | 1 | - |
| Rotherhithe *WwH* - S. & K. | 40,379 | 24 | 17 | 8 | 2 | - | - | - | - | - | - | - | - | - | 1 | 1 | 4 |
| Waterloo-road *HH* - L. & S. | 28,396 | 31 | 17 | 8 | 2 | - | - | - | - | 3 | - | - | - | 2 | 1 | 2 | 2 |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 9 | 20 | 8 | 1 | - | - | - | - | 1 | - | - | - | 5 | 5 | 5 | 8 |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 33 | 29 | 13 | 12 | - | - | - | - | - | - | - | - | 8 | - | 2 | 11 |
| Kennington 1st *H* - - S. & L. | 52,486 | 35 | 11 | 5 | 1 | - | - | - | - | 1 | - | 1 | - | 4 | 1 | 1 | - |
| Kennington 2nd - - S. & L. | 43,244 | 22 | 6 | 2 | - | - | - | - | - | 2 | - | - | - | - | - | 1 | - |
| Brixton *w* - - - L. & S. | 81,825 | 29 | 24 | 3 | 10 | - | 2 | - | 3 | - | - | - | - | 1 | 1 | 1 | 1 |
| Norwood *WH*- - - - L. | 29,318 | 10 | 6 | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - | - |
| East Battersea - - - - S. | 71,730 | 37 | 27 | 16 | 3 | - | - | - | - | - | - | - | - | 7 | 2 | 3 | - |
| West Battersea *WwH* - - S | 93,385 | 38 | 37 | 17 | 7 | - | - | - | - | 1 | - | - | - | 10 | 1 | 2 | 7 |
| Clapham *H* - - - - S. | 46,953 | 24 | 11 | 3 | 3 | - | - | - | - | 2 | - | - | - | - | 1 | 1 | 1 |
| Wandsworth *WHHL* - - S. | 58,101 | 34 | 15 | 7 | 2 | - | - | - | - | - | - | - | - | 3 | - | 1 | - |
| Putney - - - - - S. | 20,566 | 12 | 9 | 1 | - | - | - | - | - | 2 | - | - | - | 1 | 2 | 2 | - |
| Streatham *Wwww*- - - L. | 61,644 | 24 | 11 | 1 | 5 | - | - | 1 | 1 | - | - | - | - | - | - | - | 2 |
| Dulwich - - - - L. & S. | 7,519 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Camberwell *Wwll* - S. & L. | 90,286 | 44 | 54 | 12 | 18 | - | - | - | - | 1 | - | - | - | 4 | 2 | 3 | 29 |
| Peckham *WW* - S., L., & K. | 88,242 | 55 | 25 | 14 | 5 | - | - | - | - | 1 | - | 1 | - | 6 | - | - | - |
| St. George Camberwell *W* L. & S. | 67,029 | 32 | 23 | 11 | 2 | - | - | - | - | - | - | 1 | - | 4 | - | 1 | - |
| Deptford North - - - K. | 36,152 | 22 | 7 | 3 | - | - | - | - | - | - | - | - | - | 2 | 1 | 1 | - |
| Deptford Central *w* - - K. | 45,441 | 26 | 17 | 8 | 2 | - | 1 | - | 1 | - | - | - | - | 4 | 2 | 2 | 1 |
| Deptford South - - - K. | 33,402 | 13 | 7 | 2 | 2 | - | - | - | - | - | - | - | - | 2 | - | 1 | - |
| Greenwich West *H* - - K. | 23,012 | 9 | 4 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| Greenwich East *WH* - - K. | 37,767 | 14 | 12 | 3 | 1 | - | - | - | - | - | - | - | - | 3 | - | 2 | 5 |
| Eltham *wH* - - - - K. | 5,911 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 |
| Lee *H* - - - - - K. | 24,222 | 10 | 4 | - | 4 | - | - | - | - | - | - | - | - | - | - | - | - |
| Lewisham *WwH* - - - K. | 38,139 | 30 | 16 | 6 | 1 | - | - | 1 | 4 | - | - | - | - | - | - | - | 5 |
| Sydenham *H* - - - - L. | 37,601 | 11 | 7 | 3 | - | - | - | - | 1 | - | - | - | - | 1 | - | - | - |
| Charlton *wHH* - - K. | 15,928 | 4 | 9 | - | 2 | - | - | - | 5 | - | - | - | - | - | - | - | 6 |
| Woolwich Dockyard - - K. | 19,355 | 11 | 8 | 4 | 2 | - | - | - | - | 1 | - | - | - | 1 | 1 | 2 | - |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 12 | 6 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | 1 |
| Plumstead West *H* - - K. | 16,714 | 9 | 3 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| Plumstead East *WH* - - K. | 42,538 | 19 | 17 | 5 | 4 | - | - | - | - | 1 | - | - | - | - | 1 | 1 | 5 |
| Banstead Asylum - - - - | — | - | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | 3 |
| Caterham Asylum - - - - | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Cane Hill Asylum - - - - | — | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 |
| Hospital Ships and Camp, Dartford | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Darenth Asylum - - - - | — | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 |
| Hanwell Asylum - - - - | — | - | 3 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 3 |
| Colney Hatch Asylum - - | — | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 |
| N.E. Hospital - - - - | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Winchmore Hill Hospital - - | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Leavesden Asylum - - - - | — | - | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | 3 |
| Claybury Asylum - - - - | — | - | 7 | - | 5 | - | - | - | - | - | - | - | - | - | - | - | 7 |

LE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 6th August, 1898.

| Distrion District d District ns. | REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years & upwds. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LONDON—OUTER RING - | 368,749 | 1,422,063 | 888 | 490 | 199 | 102 | – | 7 | – | 8 | 16 | – | 78 | 15 | 41 | 61 | 1 |
| 1 | Carshalton *wHH* - - | 12,228 | 26,108 | 6 | 4 | 2 | 1 | – | – | – | – | 1 | – | – | – | – | – | – |
| 2 | Epsom, *part of** *WwHH* - | 10,423 | 12,508 | 6 | 3 | – | 3 | – | – | – | – | – | – | – | – | 1 | 2 | – |
| 1 | Godstone, *part of** *W* - | 2,754 | 1,598 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Croydon *WwHHH* - - | 20,851 | 128,699 | 61 | 42 | 10 | 13 | – | 1 | – | – | 2 | – | 1 | – | 2 | 10 | – |
| 2 | Mitcham *w* - - - | 11,697 | 23,088 | 9 | 4 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Wimbledon *HHH* - - | 3,220 | 25,761 | 14 | 6 | 3 | – | – | – | – | – | – | – | 1 | – | – | – | – |
| 2 | Kingston *W* - - - | 8,071 | 33,566 | 21 | 7 | 2 | 3 | – | – | – | – | – | – | 1 | – | – | 1 | – |
| 3 | Surbiton *H* - - - | | 11,199 | 3 | 4 | 1 | 1 | – | – | – | – | – | – | – | – | – | 1 | – |
| 4 | Esher, *part of** *HH* - | 6,601 | 12,059 | 6 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 5 | Hampton *HL* - - - | 4,565 | 16,252 | 5 | 2 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Richmond *WH* - - - | 2,160 | 25,389 | 9 | 7 | 1 | 4 | – | – | – | – | – | – | – | 2 | 2 | 2 | – |
| 2 | Mortlake *H* - - - | 2,823 | 16,159 | 5 | 8 | 1 | – | – | – | – | 1 | 1 | – | – | 3 | 5 | 1 | – |
| 1 | Bromley *HHH* - - - | 9,127 | 23,815 | 12 | 4 | 2 | 1 | – | – | – | – | – | – | – | – | 1 | 1 | – |
| 2 | Beckenham *H* - - - | 6,542 | 21,969 | 13 | 4 | – | 2 | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 15 | 7 | – | 2 | – | – | – | – | – | – | – | – | 1 | 1 | 1 |
| 1 | Bexley *HHH* - - - | 12,540 | 30,590 | 16 | 14 | 6 | 5 | – | – | – | – | 1 | – | 3 | – | – | – | – |
| 2 | Dartford *WH, part of** - | — | — | – | 1 | – | – | – | – | – | – | – | – | – | – | 1 | 1 | – |
| 1 | Sunbury *w* - - - | 11,054 | 13,671 | 14 | 1 | 1 | – | – | – | – | – | 1 | – | – | – | – | – | – |
| 2 | Staines *WH* - - - | 13,277 | 13,221 | 6 | 2 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Hillingdon *WHH* - - | 6,035 | 12,237 | 12 | 9 | 2 | 4 | – | – | – | – | 2 | – | 2 | – | – | 3 | – |
| 2 | Uxbridge - - - - | 12,757 | 7,253 | 5 | 3 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Hayes *wH* - - - - | 7,952 | 11,051 | 2 | 5 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Isleworth *WHH* - - | 6,967 | 26,004 | 14 | 8 | 4 | 2 | – | – | – | – | – | – | 1 | – | – | – | – |
| 2 | Twickenham *HH* - - | 2,415 | 16,027 | 8 | 3 | – | 2 | – | – | – | – | – | – | – | – | – | 1 | – |
| 3 | Brentford *HHHH* - - | 4,318 | 37,777 | 17 | 15 | 6 | 2 | – | 2 | – | – | – | – | 2 | 1 | 2 | – | – |
| 4 | Chiswick - - - - | 1,245 | 21,963 | 15 | 11 | 6 | 1 | – | 1 | – | – | – | – | 4 | – | – | – | – |
| 5 | Acton *wHH* - - - | 6,132 | 30,945 | 16 | 12 | 7 | 2 | – | – | – | – | – | – | 1 | – | – | – | – |
| 1 | Harrow *HHH* - - - | 13,809 | 15,715 | 10 | 5 | 1 | 2 | – | – | – | – | 1 | – | 1 | – | – | 1 | – |
| 2 | Edgware *HH* - - - | 6,994 | 3,844 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| 3 | Willesden *HHH* - - | 4,383 | 61,265 | 54 | 24 | 11 | 4 | – | – | – | – | 2 | – | 4 | – | 1 | – | – |
| 4 | Hendon *WH* - - - | 8,382 | 15,843 | 11 | 8 | 2 | 1 | – | – | – | – | – | – | – | 1 | 1 | 5 | – |
| 1 | South Mimms *HH* - - | 21,077 | 6,367 | 3 | 2 | – | 1 | – | – | – | – | – | – | 1 | – | – | – | – |
| 2 | Barnet *WHH* - - - | | 14,152 | 7 | 4 | 1 | 1 | – | – | – | – | – | – | – | – | – | 1 | – |
| 3 | Finchley *HHH* - - - | 4,688 | 25,820 | 14 | 7 | – | 2 | – | 2 | – | – | – | – | – | 1 | 2 | – | – |
| 1 | Hornsey *HH* - - - | 3,039 | 61,097 | 25 | 10 | 6 | 2 | – | – | – | – | – | – | – | – | 1 | – | – |
| 2 | Tottenham *HH* - - | 4,642 | 97,174 | 59 | 28 | 13 | 5 | – | – | – | – | 1 | – | 3 | 1 | 4 | 1 | – |
| 3 | Edmonton *Www* - - | 7,489 | 36,351 | 21 | 21 | 12 | 5 | – | – | – | – | – | – | 7 | – | 2 | 4 | – |
| 4 | Enfield *WWHH* - - | 12,602 | 31,536 | 25 | 11 | 5 | 2 | – | – | – | – | – | – | 4 | 1 | 1 | – | – |
| 5 | Waltham Abbey - - - | 11,017 | 6,066 | 5 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 6 | Cheshunt *H* - - - | 8,480 | 9,620 | 3 | 4 | – | 3 | – | – | – | – | – | – | – | 1 | 2 | – | – |
| 1 | Hatfield, *part of** *W* - - | 3,306 | 582 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Bushey *H* - - - - | 9,331 | 7,737 | 4 | 1 | 1 | – | – | – | – | – | 1 | – | – | – | – | – | – |
| 2 | Watford *WH, part of** - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Stratford *H* - - - | 4,706 | 38,612 | 26 | 20 | 12 | 1 | – | 1 | – | – | – | – | 3 | – | 4 | 1 | – |
| 2 | Plaistow *WHHH* - - | | 58,030 | 43 | 28 | 18 | – | – | – | – | 3 | 2 | – | 6 | 2 | 2 | 4 | – |
| 3 | Canning Town *H* - - | | 54,750 | 45 | 18 | 9 | 1 | – | – | – | 1 | – | – | 6 | 1 | 1 | – | – |
| 4 | Forest Gate *w* - - | | 53,511 | 24 | 16 | 4 | 5 | – | – | – | 1 | – | – | 1 | – | – | – | – |
| 5 | East Ham *wH* - - - | 3,266 | 32,713 | 56 | 12 | 6 | 1 | – | – | – | – | – | – | 3 | – | – | – | – |
| 6 | Leyton *WWWwH* - - | 4,334 | 70,188 | 50 | 38 | 15 | 10 | – | – | – | – | 1 | – | 5 | 1 | 3 | 17 | – |
| 7 | Walthamstow *HHL* - - | 6,501 | 57,330 | 50 | 24 | 13 | 1 | – | – | – | 2 | – | – | 9 | – | 1 | – | – |
| 1 | Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 6 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Epping *WH, part of** - - | — | — | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | 1 | – |
| 1 | Romford, *part of** *WH* - | 6,556 | 4,324 | 5 | 3 | 1 | 1 | – | – | – | – | – | – | 1 | – | – | – | – |
| 2 | Ilford - - - - - | 8,493 | 10,913 | 16 | 8 | 6 | – | – | – | – | – | – | – | 3 | – | – | – | – |
| 3 | Barking Town, *H* - - | 3,814 | 14,301 | 14 | 6 | 5 | – | – | – | – | – | – | – | 4 | – | – | – | – |
| | Middlesex Co. Lunatic Asy., Wandsworth. | — | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| | South-Eastern Fever Hosp. | — | — | – | 1 | – | – | – | – | – | – | – | – | 1 | – | – | 1 | – |

The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring as follows:—30: 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37: 1, the parishes of Warlingham Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in field sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for ctious Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford: and 187: 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 6th August, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | ANNUAL RATE of MORTALITY per 1000 living. From All Causes. | From Diseases in Cols. 8-14. | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. |
| GREATER LONDON | **443,421** | **6,408,321** | **16·9** | **3·5** | **2076** | **791** | **393** | **–** | **21** | **8** | **38** | **45** | **10** | **305** | **88** |
| INNER LONDON - | 74,672 | 4,504,766 | 18·4 | 3·7 | 1586 | 592 | 291 | – | 14 | 8 | 30 | 29 | 10 | 227 | 73 |
| OUTER RING - | 368,749 | 1,903,555 | 13·4 | 3·0 | 490 | 199 | 102 | – | 7 | – | 8 | 16 | – | 78 | 15 |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

| CITIES | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | | BIRTHS. (Exclusive of Stillborn) | DEATHS. (Exclusive of Stillborn) | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM PRINCIPAL ZYMOTIC DISEASES. Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 295,628 | August | 6 | 171 | 104 | 18·3 | – | 5 | 1 | – | 5 | – | |
| GLASGOW - - | 724,349 | " | 6 | 441 | 278 | 20·0 | – | 5 | 1 | 2 | 16 | 1 | |
| DUBLIN - - | 349,594 | " | 6 | 227 | 160 | 23·9 | – | – | 1 | 1 | 2 | 5 | |
| CALCUTTA - - | 466,460 | June | 18 | – | 216 | 24·1 | 5 | – | – | – | – | 34 | |
| BOMBAY - - | 821,764 | July | 12 | 217 | 493 | 31·2 | 1 | 1 | ? | ? | ? | 123‡ | |
| MADRAS - - | 452,518 | " | 15 | 393 | 366 | 42·0 | 1 | 13 | ? | ? | ? | 119 | |
| PARIS - - - | 2,511,629 | " | 30 | 1166 | 814 | 17·0 | – | 14 | 2 | 4* | 10 | 6 | |
| BRUSSELS - - | 531,024 | " | 30 | 281 | 147 | 13·9 | – | – | – | 1* | 1 | 4 | |
| AMSTERDAM - | 508,266 | " | 23 | 279 | 137 | 14·1 | – | 5 | – | – | 3 | – | |
| ROTTERDAM - | 301,816 | " | 23 | 216 | 86 | 14·7 | – | 2 | – | – | 1 | – | |
| THE HAGUE - | 196,325 | " | 23 | 123 | 55 | 14·6 | – | 1 | – | 3 | 2 | – | |
| COPENHAGEN - | 340,500 | " | 23 | 217 | 103 | 15·8 | – | – | – | – | 6 | 3 | |
| STOCKHOLM - | 274,611 | " | 23 | 131 | 82 | 15·0 | – | 1 | – | 4* | 2 | – | |
| CHRISTIANIA - | 192,141 | " | 30 | 120 | 46 | 11·8 | – | 3 | 1 | – | 1 | 2 | |
| ST. PETERSBURG | 954,400 | " | 23 | 600 | 572 | 31·2 | 2 | 12 | 12 | 11 | 2 | 25 | 1 |
| MOSCOW - - | 988,610 | " | 23 | – | 754 | 39·8 | 4 | 20 | 5 | 2 | 5 | 5 | 3 |
| BERLIN - - | 1,753,775 | " | 16 | 907 | 537 | 15·8 | – | 9 | 2 | 8 | 10 | – | |
| HAMBURG - - | 661,015 | " | 30 | – | 227 | 17·9 | – | 8 | – | – | 4 | – | |
| DRESDEN - - | 377,500 | June | 25 | – | 132 | 18·0 | – | 8 | 1 | – | – | – | |
| BRESLAU - - | 392,795 | July | 30 | – | 170 | 22·6 | – | 1 | – | 1 | 2 | 1 | |
| MUNICH - - | 430,000 | " | 30 | – | 199 | 24·1 | – | 1 | 1 | 5* | 4 | – | |
| VIENNA - - | 1,574,129 | " | 30 | 932 | 542 | 17·7 | – | 9 | 4 | 2* | 5 | 4 | |
| PRAGUE - - | 377,109 | " | 23 | 186 | 166 | 22·6 | – | 4 | 1 | – | – | 2 | |
| BUDA-PESTH - | 648,104 | " | 23 | 424 | 268 | 21·5 | – | 7 | 4 | 1 | 3 | 1 | |
| TRIESTE - - | 164,491 | " | 23 | 108 | 108 | 34·0 | – | – | 1 | 2* | – | 3 | |
| ROME - - - | 489,965 | June | 25 | 179 | 163 | 17·3 | – | 1 | 1 | – | – | 1§ | |
| TURIN (10 days) | 344,203 | " | 20 | 198 | 173 | 18·3 | – | 11 | – | 3 | – | 3 | |
| VENICE - - | 167,074 | July | 16 | 88 | 84 | 26·2 | – | – | – | – | 2 | 3 | |
| CAIRO - - | 570,062 | May | 6 | – | – | – | – | – | – | – | – | – | |
| ALEXANDRIA - | 319,766 | " | 6 | – | – | – | – | – | – | – | – | – | |
| NEW YORK (including BROOKLYN) | 3,438,899 | July | 23 | – | – | – | – | – | – | – | – | – | |
| PHILADELPHIA - | 1,240,266 | " | 16 | – | 493 | 20·7 | – | – | – | 14 | 1 | 5 | 1 |

* Including deaths from croup.
† Including 16 deaths from cholera in Calcutta, 3 in Bombay, and 13 in Madras.
‡ Including 53 deaths from bubonic fever.
§ Malarial fever.

| 1898. Month and Day. | Phases of the Moon. | Barometer. Mean daily reading (corrected and reduced to 32° Fahrenheit). | Temperature of the Air. Highest. | Temperature of the Air. Lowest | Temperature of the Air. Daily Range. | Temperature of the Air. Mean daily value. | Temperature of the Air. Departure from Average of 50 years. | Temperature of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Difference. Greatest. | Difference. Least. | Degree of Humidity (Saturation equals 100). | Temperature. Of Radiation. Highest in Sun's Rays. | Temperature. Of Radiation. Lowest on the Grass. | Temperature. Of the Earth 3 feet below the Surface. | Wind as deduced from Anemometers. Osler's. General Direction. A.M. | Wind. Osler's. General Direction. P.M. | Wind. Osler's. Pressure on the Square Foot. Greatest. | Wind. Osler's. Pressure on the Square Foot. Least. | Wind. Osler's. Pressure on the Square Foot. Mean of 24 hourly obs. | Wind. Robinson's. Horizontal Movement of the Air on each Day. | Wind. Robinson's. Departure from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JULY | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| SUNDAY - 31 | Perigee | 30·013 | 79·4 | 47·4 | 32·0 | 62·2 | − 0·1 | 48·6 | 13·6 | 26·2 | 1·9 | 61 | 125·0 | 44·0 | 60·94 | SW., WSW. & W. | WSW., W. & WNW. | 1·2 | 0·0 | 0·1 | 208 | − 34 | 0·00 | 0·0 |
| AUGUST MONDAY - 1 | .. | 29·914 | 79·0 | 50·3 | 28·7 | 65·3 | + 3·1 | 52·4 | 12·9 | 22·1 | 1·0 | 63 | 129·7 | 47·2 | 60·70 | WSW. & W. | W., NW. & WSW. | 1·2 | 0·0 | 0·0 | 186 | − 58 | 0·00 | 0·5 |
| TUESDAY - 2 | Full | 29·825 | 79·2 | 53·2 | 26·0 | 65·7 | + 3·6 | 53·2 | 12·5 | 23·6 | 1·4 | 64 | 135·0 | 49·7 | 60·75 | WSW. & SW. | WSW. | 3·1 | 0·0 | 0·3 | 287 | + 40 | 0·00 | 1·5 |
| WEDNESDAY 3 | .. | 29·696 | 76·3 | 56·1 | 20·2 | 65·2 | + 3·1 | 54·6 | 10·6 | 20·6 | 1·9 | 69 | 136·6 | 51·8 | 61·02 | SW | SW. | 5·8 | 0·0 | 0·8 | 443 | +193 | 0·02 | 0·0 |
| THURSDAY - 4 | In Equator | 29·885 | 73·0 | 51·2 | 21·8 | 61·6 | − 0·6 | 47·5 | 14·1 | 25·0 | 2·6 | 60 | 126·9 | 48·0 | 61·33 | NW., W. & WSW. | W., WNW. & WSW. | 4·2 | 0·0 | 0·4 | 347 | + 94 | 0·00 | 0·0 |
| FRIDAY - 5 | .. | 29·778 | 75·7 | 54·2 | 21·5 | 63·7 | + 1·4 | 55·4 | 8·3 | 17·5 | 3·6 | 74 | 135·0 | 49·5 | 61·51 | SW. & SSW. | SW. | 9·0 | 0·0 | 1·0 | 495 | +239 | 0·01 | 0·0 |
| SATURDAY - 6 | .. | 29·604 | 68·4 | 56·4 | 12·0 | 62·6 | + 0·2 | 59·5 | 3·1 | 6·8 | 2·5 | 90 | 92·3 | 53·8 | 61·52 | SW. & SSW. | SSW., SW. & WNW. | 3·9 | 0·0 | 0·8 | 435 | +177 | 0·03 | 0·0 |
| MEANS - - | | 29·816 | 75·9 | 52·7 | 23·2 | 63·8 | + 1·5 | 53·0 | 10·7 | 20·3 | 2·1 | 69 | 125·8 | 49·1 | 61·11 | SW. & WSW. | | .. | .. | .. | Sum 2401 | Sum +651 | Sum 0·06 | 0·3 |
| No. of Column - | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| Date. | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | General Remarks. |
|---|---|---|---|---|
| JULY | | | | |
| SUNDAY - 31 | w. P. generally - | 13·5 | 15·4 | A very fine day. The amount of cloud was usually small. |
| AUGUST MONDAY - 1 | m. P. till noon; w. P. till 7h. P.M.; m. P. afterwards. | 10·4 | 15·3 | Very fine; partially cloudy in afternoon. A warm day. |
| TUESDAY - 2 | w. P. generally - | 11·7 | 15·3 | Very fine and generally cloudless. Warm. |
| WEDNESDAY 3 | w. P. till noon; w. P. and w. N. afterwards. | 8·6 | 15·2 | Cloudless in early morning; fine and partially cloudy till 8h. P.M.; overcast with light showers afterwards. Brisk wind. |
| THURSDAY - 4 | m. P. generally - | 9·6 | 15·2 | Overcast till 1h. A.M.; very fine till 10h. A.M.; partially cloudy afterwards. |
| FRIDAY - 5 | w. P. till 9h. A.M.; w. P. and w. N. till 3h. P.M.; w. P. afterwards. | 4·5 | 15·1 | Overcast in morning with slight shower at 7h. A.M.; fine and partially cloudy till afternoon; generally overcast afterwards. Brisk wind. |
| SATURDAY - 6 | w. P. throughout - | 0·1 | 15·1 | Generally overcast; frequent slight rain. Brisk wind. |
| | | Sum 58·4 | Sum 106·6 | |
| No. of Col. - - | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased from 30·08 in. at the beginning of the week to 29·62 in. by 9h. P.M. on August 3rd; increased to 29·97 in. by 10h. P.M. on the 4th; decreased to 29·50 in. by 8h. P.M. on the 6th; and increased to 29·61 in. by the end of the week.

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1898.

OFFICIAL COPY.

# WEEKLY RETURN
OF
# BIRTHS AND DEATHS IN LONDON
AND IN
# THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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No. 32. 1898. VOL. LIX.] WEEK ENDING SATURDAY, AUG. 13. [Price 1½*d*.

*General Register Office, Somerset House,*
*August 15th*, 1898.

## THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 20·5 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000 :—

| TOWNS. | Weeks ending | | | | TOWNS. | Weeks ending | | | |
|---|---|---|---|---|---|---|---|---|---|
| | July 23. | July 30. | Aug. 6. | Aug. 13. | | July 23. | July 30. | Aug. 6. | Aug. 13. |
| 33 Great Towns | 15·6 | 17·2 | 18·3 | 20·5 | Leicester - - | 14·2 | 15·7 | 16·5 | 20·2 |
| Birkenhead - | 18·9 | 25·3 | 16·6 | 24·9 | Liverpool - - | 21·1 | 23·0 | 24·4 | 27·7 |
| Birmingham - | 17·2 | 19·5 | 20·0 | 21·6 | London - - - | 15·4 | 16·8 | 18·4 | 20·5 |
| Blackburn - | 14·9 | 11·0 | 17·6 | 13·7 | Manchester - - | 17·6 | 19·0 | 21·3 | 21·0 |
| Bolton - - | 12·8 | 14·0 | 14·9 | 17·0 | Newcastle-on-Tyne | 16·8 | 17·8 | 21·0 | 17·5 |
| Bradford - | 14·5 | 13·6 | 15·2 | 17·2 | Norwich - - | 16·3 | 17·3 | 14·5 | 17·3 |
| Brighton - | 15·3 | 11·9 | 10·2 | 17·1 | Nottingham - - | 11·3 | 14·4 | 15·7 | 15·5 |
| Bristol - | 12·3 | 10·7 | 13·3 | 14·8 | Oldham - - | 13·4 | 19·0 | 10·9 | 16·2 |
| Burnley - | 12·4 | 11·9 | 11·9 | 13·8 | Plymouth - - | 16·8 | 13·7 | 24·2 | 23·7 |
| Cardiff - - | 11·4 | 9·4 | 16·7 | 15·0 | Portsmouth - - | 16·2 | 21·8 | 16·8 | 21·8 |
| Croydon - | 4·6 | 13·4 | 14·7 | 17·2 | Preston - - | 14·3 | 11·2 | 17·5 | 29·1 |
| Derby - - | 14·9 | 13·4 | 12·9 | 14·4 | Salford - - - | 23·9 | 27·3 | 25·6 | 29·0 |
| Gateshead - | 19·6 | 15·1 | 14·1 | 14·6 | Sheffield - - | 16·1 | 21·9 | 22·4 | 24·9 |
| Halifax - | 11·3 | 23·7 | 14·6 | 14·0 | Sunderland - - | 17·0 | 19·6 | 23·9 | 18·5 |
| Huddersfield - | 10·7 | 14·8 | 10·2 | 16·3 | Swansea - - | 16·9 | 12·3 | 16·4 | 14·3 |
| Hull - - | 10·9 | 17·2 | 12·0 | 18·4 | West Ham - - | 12·4 | 16·4 | 16·4 | 23·5 |
| Leeds - - | 17·5 | 16·6 | 19·9 | 22·2 | Wolverhampton - | 16·0 | 21·3 | 20·1 | 27·8 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were :—from *measles*, 2·0 in Portsmouth, and 3·7 in Plymouth ; from *scarlet fever*, 1·4 in Norwich; from *whooping-cough*, 1·0 in Salford, and 1·1 in Sunderland ; and from *diarrhœa*, 3·1 in Swansea, 3·4 in Brighton, 3·7 in Plymouth, 3·8 in London, 4·7 in Manchester, 4·9 in Leeds, 5·0 in Croydon, in Portsmouth, and in Birmingham, 5·3 in Salford, 5·4 in Hull, 5·6 in West Ham, 6·5 in Wolverhampton, 6·9 in Birkenhead, 7·3 in Liverpool, 8·0 in Leicester, 8·3 in Sheffield, and 10.8 in Preston. In no case did the death rate from "*fever*" reach 1·0 per 1000 in any of the thirty-three towns. The 43 deaths from *diphtheria* included 27 in London, 4 in Leeds, and 3 in West Ham. No death from *small-pox* was registered in any of the thirty-three towns.

## LONDON.

In LONDON† 2804 BIRTHS and 1772 DEATHS were registered. Allowing for increase of population, the births were 285, and the deaths 68, above the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

15·4, 16·8, and 18·4 in the preceding three weeks, further rose last week to 20·5. During the four weeks ending on Saturday last the death-rate averaged 17·8 per 1000, being 2·3 per 1000 below the mean rate in the corresponding periods of the ten years 1888–97.

The 1772 deaths included 31 from measles, 10 from scarlet fever, 27 from diphtheria, 34 from whooping-cough, 2 from enteric fever, 1 from an ill-defined form of continued fever, 328 from diarrhœa and dysentery, 15 from cholera and choleraic diarrhœa, and not one death from small-pox or from typhus; thus, 448 deaths were referred to these diseases, being 50 above the corrected average weekly number.

The deaths from *measles*, which had been 22, 23, and 14 in the preceding three weeks, rose again last week to 31, but were 16 below the corrected average; 5 cases belonged to Islington sanitary area. The deaths from *scarlet fever*, which had been 8, 7, and 8 in the preceding three weeks, further rose last week to 10, but were 8 below the corrected average; 2 cases belonged to St. James Westminster, and 2 to St. Pancras sanitary areas. The deaths from *diphtheria*, which had been 29, 21, and 30 in the preceding three weeks, fell again last week to 27, and were 16 below the corrected average; 3 cases belonged to Hackney, 3 to Mile End Old Town, and 3 to Newington sanitary areas. The deaths from *whooping-cough*, which had been 38, 30, and 29 in the preceding three weeks, rose again last week to 34, and were 1 above the corrected average; 6 cases belonged to Lambeth sanitary area. The fatal cases of *enteric fever*, which had been 8, 7, and 10 in the preceding three weeks, fell again last week to 2, the corrected average being 9. The deaths from *diarrhœa*, which had been 69, 138, and 227 in the preceding three weeks, further rose last week to 328, and were 88 above the corrected average. Of the 328 deaths from diarrhœa, 316 were of children under 5 years of age; 103 more deaths at this age-period were described as due to *gastro-enteritis*, and are included under enteritis in Table 4. The deaths referred to diseases of the respiratory organs, which had been 148, 173, and 174 in the preceding three weeks, fell again last week to 171, and were 4 below the corrected average. The deaths attributed directly to *influenza* numbered 6, having been 8, 5, and 8 in the preceding three weeks.

The death of a carman, aged 32 years, who had been removed from Wandsworth to St. Thomas's Hospital, was registered, after inquest, as due to *glanders*.

Different forms of violence caused 61 deaths, concerning all but 2 of which inquests were held. Of these 61 deaths, 10 were cases of suicide, and 1 of homicide, while the remaining 50 were attributed to accident or negligence. Three of these were referred to vehicles in the streets, 6 to drowning, and 11 (of infants under one year of age) to suffocation in bed.

### Cases of Infectious Sickness in Hospitals.*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 1 case of small-pox, 2293 cases of scarlet fever, 953 of diphtheria, and 106 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 201 cases, against 276, 232, and 224; of diphtheria, 86 cases, against 151, 128, and 119; and of enteric fever, 20 cases, against 23, 15, and 23.

### Greater London.

In Greater London 3,952 births and 2,414 deaths were registered, corresponding to annual rates of 32·2 and 19·6 per 1000 of the estimated population. In the Outer Ring 5 deaths from measles, 3 from scarlet fever, 13 from diphtheria, 17 from whooping-cough, 9 from "fever," and 162 from diarrhœal diseases (including cholera) were registered. Four deaths from diphtheria, 4 from "fever," and 77 from diarrhœal diseases occurred in West Ham district; 6 deaths from whooping-cough and 31 from diarrhœal diseases occurred in Edmonton district.

### Meteorology.

The mean reading of the Barometer last week at Greenwich was 29·83 inches, and that of the Thermometer 61°·9, the latter being 0°·6 below the week's average in the 50 years 1841–90. The direction of the wind was variable, the horizontal movement of the air being 2 per cent. below the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 35·6 hours; the measured rainfall amounted to 0·56 of an inch.

* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | 13th August 1898. Births. | 13th August 1898. Deaths. | Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6–12. | Highest. Fahrenheit. | Lowest. Fahrenheit. | Mean. Fahrenheit. | Mean. Centigrade. | Rainfall. In Inches. | Rainfall. In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18 | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| 33 Towns - | **11,218,378** | **7055** | **4410** | **1949** | **714** | – | **74** | **25** | **43** | **67** | **16** | **902** | **147** | **283** | **729** | **44** | **20·5** | **5·2** | **87·5** | **43·2** | **59·4** | **15·22** | **0·75** | **1·99** | 33 Towns. |
| London - - | 4,504,766 | 2807 | 1772 | 800 | 302 | – | 31 | 10 | 27 | 34 | 3 | 328 | 61 | 131 | 428 | 9 | 20·5 | 5·0 | 87·5 | 48·0 | 61·9 | 16·61 | 0·56 | 1·42 | London. |
| West Ham - - | 286,654 | 191 | 129 | 75 | 14 | – | 3 | 1 | 3 | 3 | 2 | 31 | 4 | 6 | 7 | 2 | 23·5 | 7·8 | – | – | – | – | – | – | West Ham. |
| Croydon - - | 124,421 | 58 | 41 | 21 | 10 | – | 1 | – | – | – | – | 12 | – | – | 6 | – | 17·2 | 5·4 | 84·4 | 45·0 | 59·9 | 15·50 | 0·58 | 1·47 | Croydon. |
| Brighton - - | 122,310 | 53 | 40 | 13 | 10 | – | – | – | – | 1 | 2 | 8 | 1 | 3 | 10 | – | 17·1 | 4·7 | 76·8 | 49·8 | 59·8 | 15·44 | 0·57 | 1·45 | Brighton. |
| Portsmouth - | 186,618 | 104 | 78 | 33 | 10 | – | 7 | – | 2 | – | – | 18 | 5 | 5 | 5 | – | 21·8 | 7·5 | 76·5 | 50·0 | 59·3 | 15·17 | 0·62 | 1·57 | Portsmouth. |
| Plymouth - - | 99,136 | 56 | 45 | 13 | 10 | – | 7 | – | – | 1 | – | 7 | – | 1 | 7 | – | 23·7 | 7·9 | – | – | – | – | – | – | Plymouth. |
| Bristol - - | 316,900 | 177 | 90 | 38 | 17 | – | 1 | – | 1 | 1 | – | 15 | 4 | 12 | 12 | – | 14·8 | 3·0 | 80·0 | 46·0 | 59·0 | 15·00 | 1·84 | 4·67 | Bristol. |
| Cardiff - - | 177,770 | 120 | 51 | 25 | 6 | – | 1 | – | 1 | – | – | 8 | 1 | 4 | 3 | – | 15·0 | 2·9 | – | – | – | – | – | – | Cardiff. |
| Swansea - - | 102,001 | 66 | 28 | 13 | 3 | – | – | 1 | 1 | 1 | 1 | 6 | 1 | 1 | 1 | – | 14·3 | 5·1 | – | – | – | – | – | – | Swansea. |
| Wolverhampton | 88,051 | 72 | 47 | 25 | 7 | – | – | – | – | – | – | 11 | 1 | 2 | 2 | 2 | 27·8 | 6·5 | 79·7 | 43·2 | 56·2 | 13·44 | 0·11 | 0·28 | Wolverhampton. |
| Birmingham - | 510,343 | 359 | 211 | 90 | 40 | – | 1 | 1 | 2 | 1 | 1 | 49 | 7 | 7 | 19 | 6 | 21·6 | 5·6 | – | – | – | – | – | – | Birmingham. |
| Norwich - - | 111,699 | 46 | 37 | 8 | 7 | – | 2 | 3 | – | – | – | 4 | 1 | 4 | 4 | – | 17·3 | 4·2 | 86·0 | 47·0 | 59·8 | 15·44 | 1·19 | 3·02 | Norwich. |
| Leicester - - | 208,662 | 113 | 81 | 45 | 11 | – | – | 1 | – | – | 1 | 32 | 3 | 5 | 11 | 2 | 20·2 | 8·5 | – | – | – | – | – | – | Leicester. |
| Nottingham - | 236,137 | 157 | 70 | 28 | 12 | – | 1 | 1 | – | 1 | – | 11 | 4 | 6 | 12 | – | 15·5 | 3·1 | 83·1 | 45·2 | 57·6 | 14·22 | 0·94 | 2·39 | Nottingham. |
| Derby - - - | 104,834 | 63 | 29 | 11 | 4 | – | – | 1 | – | – | – | 3 | – | – | 3 | – | 14·4 | 2·0 | – | – | – | – | – | – | Derby. |
| Birkenhead - | 113,189 | 83 | 54 | 28 | 5 | – | – | – | – | – | 2 | 15 | 2 | 1 | 5 | 1 | 24·9 | 7·8 | – | – | – | – | – | – | Birkenhead. |
| Liverpool - - | 633,645 | 419 | 337 | 145 | 47 | – | 8 | – | – | 6 | 1 | 89 | 15 | 25 | 50 | 7 | 27·7 | 8·6 | 79·9 | 51·0 | 60·6 | 15·89 | 0·52 | 1·32 | Liverpool. |
| Bolton - - | 122,495 | 81 | 40 | 7 | 10 | – | – | 1 | – | – | – | 3 | 1 | 5 | 7 | – | 17·0 | 1·7 | – | – | – | – | – | – | Bolton. |
| Manchester - | 539,079 | 372 | 217 | 89 | 36 | – | 2 | 1 | – | 2 | – | 49 | 10 | 19 | 35 | 3 | 21·0 | 5·2 | – | – | – | – | – | – | Manchester. |
| Salford - - | 215,702 | 141 | 120 | 60 | 15 | – | 2 | 1 | – | 4 | 1 | 22 | 1 | 6 | 11 | 2 | 29·0 | 7·3 | – | – | – | – | – | – | Salford. |
| Oldham - - | 148,288 | 72 | 46 | 14 | 10 | – | 1 | – | – | 1 | – | 2 | 2 | 3 | 2 | – | 16·2 | 1·4 | – | – | – | – | – | – | Oldham. |
| Burnley - - | 109,546 | 56 | 29 | 10 | 3 | – | – | – | – | – | – | 4 | 1 | 6 | 1 | 2 | 13·8 | 1·9 | – | – | – | – | – | – | Burnley. |
| Blackburn - - | 133,228 | 65 | 35 | 14 | 9 | – | – | – | – | – | – | 4 | – | – | 3 | 2 | 13·7 | 1·6 | – | – | – | – | – | – | Blackburn. |
| Preston - - | 116,356 | 82 | 65 | 34 | 8 | – | – | – | – | 1 | – | 24 | – | – | 8 | 2 | 29·1 | 11·2 | – | – | – | – | – | – | Preston. |
| Huddersfield - | 102,454 | 52 | 32 | 5 | 8 | – | – | – | – | – | – | 2 | – | – | 1 | – | 16·3 | 1·0 | 81·2 | 46·0 | 58·6 | 14·78 | 0·58 | 1·47 | Huddersfield. |
| Halifax - - | 96,729 | 49 | 26 | 4 | 8 | – | – | – | – | – | – | – | 2 | 2 | 5 | 1 | 14·0 | – | – | – | – | – | – | – | Halifax. |
| Bradford - - | 233,737 | 133 | 77 | 27 | 10 | – | 2 | 1 | 1 | 2 | – | 13 | 2 | 2 | 4 | – | 17·2 | 4·2 | 81·2 | 50·3 | 61·3 | 16·28 | 1·09 | 2·77 | Bradford. |
| Leeds - - - | 416,618 | 274 | 177 | 87 | 22 | – | 3 | 2 | 4 | – | 1 | 39 | 6 | 12 | 14 | – | 22·2 | 6·1 | – | – | – | – | – | – | Leeds. |
| Sheffield - - | 356,478 | 258 | 170 | 91 | 21 | – | – | – | 1 | 1 | – | 57 | 4 | 5 | 18 | 1 | 24·9 | 8·6 | – | – | – | – | – | – | Sheffield. |
| Hull - - - | 229,887 | 156 | 81 | 40 | 12 | – | 1 | – | – | 1 | – | 24 | 3 | 3 | 9 | 1 | 18·4 | 5·9 | 81·0 | 44·0 | 58·7 | 14·83 | 0·45 | 1·14 | Hull. |
| Sunderland - | 143,849 | 95 | 51 | 20 | 7 | – | – | – | – | 3 | – | 6 | 2 | 3 | 3 | – | 18·5 | 3·3 | – | – | – | – | – | – | Sunderland. |
| Gateshead - - | 103,775 | 76 | 29 | 12 | 6 | – | – | – | – | – | – | 2 | 1 | 2 | 2 | – | 14·6 | 1·0 | – | – | – | – | – | – | Gateshead. |
| Newcastle - - | 223,021 | 149 | 75 | 24 | 14 | – | – | – | – | 3 | 1 | 4 | 2 | 2 | 21 | 1 | 17·5 | 1·9 | – | – | – | – | – | – | Newcastle. |

See note * on first page of this return.

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the THIRTY-SECOND Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2228 | 2180 | 2175 | 2721 | 2755 | 2320 | 2200 | 2340 | 2291 | 2728 | 2519·0 | 2807 |
| Males - - | 1165 | 1129 | 1098 | 1410 | 1413 | 1184 | 1078 | 1216 | 1145 | 1385 | 1286·2 | 1391 |
| Females - | 1063 | 1051 | 1077 | 1311 | 1342 | 1136 | 1122 | 1124 | 1146 | 1343 | 1232·8 | 1416 |
| TOTAL **Deaths** - | 1476 | 1366 | 1594 | 1627 | 1421 | 1617 | 1450 | 1601 | 1790 | 2246 | 1703·5 | 1772 |
| Males - - | 773 | 710 | 833 | 849 | 730 | 822 | 747 | 870 | 972 | 1187 | 893·8 | 932 |
| Females - - | 703 | 656 | 761 | 778 | 691 | 795 | 703 | 731 | 818 | 1059 | 809·7 | 840 |

The numbers in this column are the average weekly numbers in the thirty-second week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | May 21. | May 28. | June 4. | June 11. | June 18. | June 25. | July 2. | July 9. | July 16. | July 23. | July 30. | Aug 6. | Aug. 13. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** - - - | 2285 | 2569 | 2199 | 2646 | 2532 | 2385 | 2475 | 2502 | 2502 | 2505 | 2696 | 2335 | 2807 |
| TOTAL **Deaths** - - - | 1360 | 1385 | 1392 | 1411 | 1193 | 1257 | 1256 | 1232 | 1214 | 1330 | 1452 | 1586 | 1772 |
| Ages at Death: Under 1 year - - | 322 | 339 | 259 | 294 | 276 | 306 | 305 | 301 | 305 | 385 | 493 | 592 | 800 |
| 1—5 years - - | 215 | 202 | 225 | 200 | 155 | 167 | 173 | 142 | 157 | 152 | 175 | 198 | 212 |
| 5—20 " - - | 86 | 83 | 94 | 83 | 68 | 74 | 86 | 63 | 78 | 79 | 71 | 85 | 72 |
| 20—40 " - - | 176 | 167 | 173 | 192 | 170 | 187 | 181 | 171 | 179 | 152 | 181 | 158 | 151 |
| 40—60 " - - | 271 | 246 | 281 | 288 | 259 | 244 | 248 | 281 | 220 | 249 | 248 | 262 | 235 |
| 60—80 " - - | 247 | 293 | 294 | 302 | 225 | 228 | 227 | 223 | 220 | 254 | 226 | 238 | 255 |
| 80 year and upwards | 43 | 55 | 66 | 52 | 40 | 51 | 36 | 51 | 55 | 59 | 58 | 53 | 47 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox - - - - - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Measles - - - - - | 82 | 74 | 68 | 74 | 50 | 43 | 48 | 28 | 23 | 22 | 23 | 14 | 31 |
| Scarlet Fever - - - | 16 | 6 | 17 | 10 | 10 | 8 | 12 | 8 | 8 | 8 | 7 | 8 | 10 |
| Diphtheria - - - - | 31 | 27 | 30 | 23 | 26 | 21 | 29 | 27 | 39 | 29 | 21 | 30 | 27 |
| Whooping-cough - - - | 47 | 59 | 45 | 51 | 44 | 39 | 42 | 41 | 40 | 38 | 30 | 29 | 34 |
| Typhus - - - - - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Enteric Fever - - - | 1 | 6 | 3 | 4 | 4 | 4 | 10 | 7 | 4 | 8 | 7 | 10 | 2 |
| Simple Continued Fever - | - | - | - | - | - | - | - | - | - | - | - | - | 1 |
| Diarrhœa and Dysentery .. | 16 | 10 | 17 | 22 | 12 | 17 | 22 | 25 | 52 | 69 | 138 | 227 | 328 |
| Cholera - - - - - | - | - | - | - | - | - | - | - | 3 | 2 | 8 | 13 | 15 |
| All the above Diseases - | 193 | 182 | 180 | 184 | 146 | 132 | 163 | 136 | 169 | 176 | 234 | 331 | 448 |
| Dis. of Respiratory System - | 177 | 216 | 226 | 212 | 185 | 171 | 162 | 160 | 175 | 148 | 173 | 174 | 171 |
| Phthisis - - - - - | 159 | 134 | 126 | 156 | 134 | 140 | 149 | 150 | 126 | 148 | 133 | 124 | 139 |
| Dis. of Circulatory System - | 141 | 120 | 141 | 124 | 87 | 92 | 111 | 107 | 91 | 119 | 116 | 122 | 127 |
| Violence - - - - | 65 | 63 | 77 | 88 | 53 | 71 | 56 | 56 | 55 | 64 | 80 | 73 | 61 |
| Inquest Cases - - - - | 108 | 154 | 150 | 166 | 106 | 112 | 126 | 112 | 119 | 127 | 164 | 139 | 131 |
| Deaths in Public Institutions - | 449 | 438 | 451 | 430 | 395 | 418 | 397 | 404 | 367 | 434 | 446 | 413 | 428 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean - - - - - | 49°·0 | 54°·7 | 51°·9 | 60°·2 | 55°·2 | 60°·5 | 59°·3 | 60°·0 | 61°·9 | 62°·8 | 61°·0 | 63°·8 | 61°·9 |
| Mean of Highest readings - | 56·7 | 64·8 | 61·2 | 70·6 | 63·5 | 70·5 | 69·3 | 70·1 | 73·4 | 74·2 | 70·4 | 75·9 | 72·2 |
| Mean of Lowest readings - | 42·8 | 46·7 | 44·6 | 50·8 | 48·3 | 53·1 | 51·6 | 52·0 | 50·9 | 54·2 | 54·1 | 52·7 | 53·6 |
| Humidity of the Air - - | 82 | 76 | 76 | 78 | 76 | 74 | 75 | 71 | 68 | 74 | 76 | 69 | 76 |
| Rain-fall (in inches) - - | 0·78 | 0·40 | 0·61 | 0·32 | 0·01 | 0·47 | 0·84 | 0·00 | 0·02 | 0·45 | 0·72 | 0·06 | 0·56 |
| Registered Sunshine (in hours) | 32·2 | 37·0 | 26·4 | 41·1 | 32·3 | 39·3 | 45·6 | 40·4 | 52·0 | 36·1 | 25·6 | 58·4 | 35·6 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox - - - - - | - | - | 1 | 1 | 1 | - | - | - | - | - | - | 1 | 1 |
| Scarlet Fever - - - - | 2241 | 2195 | 2207 | 2169 | 2194 | 2238 | 2205 | 2250 | 2314 | 2355 | 2321 | 2326 | 2293 |
| Diphtheria - - - - | 953 | 923 | 973 | 1001 | 1018 | 999 | 976 | 1013 | 1033 | 1034 | 1022 | 1024 | 95[illegible] |
| Enteric Fever - - - - | 55 | 54 | 55 | 44 | 47 | 52 | 53 | 62 | 68 | 85 | 87 | 97 | 106 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton: A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and J. Boobbyer Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S Preston; A. Johnson, Esq., M.Inst.C.E., Bradford; and Mr. E. Peak, Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-SECOND Week of the Year 1898.

| CAUSES OF DEATH. | Corrected Averages for the 32nd Week of the 10 years 1888–97*. | In the Week ending Saturday, 13th August 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0–1. | 1–5. | 5–20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| CAUSES - - - | 1703·5 | 1772 | 800 | 212 | 72 | 151 | 235 | 255 | 47 |
| ll- Vaccinated† - | 0·5 | - | - | - | - | - | - | - | - |
| x Unvaccinated | 0·7 | - | - | - | - | - | - | - | - |
| No Statement | 0·3 | - | - | - | - | - | - | - | - |
| les - - - - | 46·6 | 31 | 9 | 21 | 1 | - | - | - | - |
| et Fever - - - | 17·7 | 10 | - | 5 | 5 | - | - | - | - |
| us - - - - | 0·2 | - | - | - | - | - | - | - | - |
| osing Fever - - | - | - | - | - | - | - | - | - | - |
| enza - - - - | 4·0 | 6 | - | - | - | 1 | 2 | 2 | 1 |
| oping-cough - - | 32·5 | 84 | 23 | 10 | 1 | - | - | - | - |
| theria - - | 42·5 | 27 | 4 | 17 | 6 | - | - | - | - |
| le Continued and defined Fever - | 0·5 | 1 | - | - | - | - | 1 | - | - |
| ric Fever - - - | 9·3 | 2 | - | - | 1 | 1 | - | - | - |
| era and Chol. Diarr. | 7·1 | 15 | 13 | 2 | - | - | - | - | - |
| rhœa, Dysentery - | 240·4 | 328 | 279 | 37 | 1 | - | 4 | 5 | 2 |
| ttent Fever - - | 0·2 | 1 | 1 | - | - | - | - | - | - |
| ophobia - - - | 0·1 | - | - | - | - | - | - | - | - |
| lers - - - - | - | 1 | - | - | - | 1 | - | - | - |
| pox and Effects of cination - - | 0·2 | - | - | - | - | - | - | - | - |
| real Affections - - | 12·3 | 12 | 9 | 1 | - | 2 | - | - | - |
| pelas - - - | 4·2 | 2 | 1 | - | - | - | 1 | - | - |
| nia and Septicæmia | 2·0 | 2 | 1 | - | - | - | - | 1 | - |
| peral Fever - - | 4·2 | 1 | - | - | - | 1 | - | - | - |
| r Zymotic Diseases | 1·9 | 3 | - | 1 | - | 1 | - | 1 | - |
| sh - - - - | 1·1 | 1 | 1 | - | - | - | - | - | - |
| ns and other Parasical Diseases - | 0·5 | - | - | - | - | - | - | - | - |
| ation, Want of east-milk - - | 2·0 | 2 | 1 | - | - | 1 | - | - | - |
| holism - - - | 10·2 | 13 | - | - | - | 3 | 9 | 1 | - |
| matic Fever, eumatism of Heart | 6·0 | 6 | - | - | 2 | 1 | 2 | 1 | - |
| matism - - - | 1·9 | 1 | - | - | - | - | - | 1 | - |
| - - - - - | 3·2 | 5 | - | - | - | - | - | 5 | - |
| ets - - - - | 5·7 | 6 | 3 | 3 | - | - | - | - | - |
| er - - - - | 70·9 | 77 | - | - | 1 | 8 | 34 | 29 | 5 |
| s Mesenterica - - | 40·9 | 30 | 24 | 4 | - | 2 | - | - | - |
| rcular Meningitis - | 29·1 | 35 | 14 | 16 | 5 | - | - | - | - |
| isis - - - - | 146·9 | 139 | 4 | 2 | 11 | 67 | 46 | 9 | - |
| ula, Tuberculosis - | 21·9 | 19 | 6 | 7 | 2 | 2 | 2 | - | - |
| r Constitutional eases - - | 12·0 | 11 | - | 2 | 1 | 2 | 3 | 3 | - |
| ature Birth - - | 47·1 | 65 | 65 | - | - | - | - | - | - |
| ctasis - - - | 4·3 | 1 | 1 | - | - | - | - | - | - |
| enital Malformans - - - | 8·7 | 9 | 9 | - | - | - | - | - | - |
| age - - - - | 40·7 | 34 | - | - | - | - | - | 17 | 17 |
| lexy - - - | 37·7 | 38 | - | - | - | 2 | 13 | 20 | 3 |
| psy - - - - | 5·8 | 4 | - | - | 1 | 2 | 1 | - | - |
| ulsions - - - | 49·0 | 38 | 35 | 3 | - | - | - | - | - |
| r Diseases of Brain Nervous System | 86·2 | 65 | 12 | 9 | 6 | 7 | 9 | 20 | 2 |
| ses of Organs of cial Sense - | 2·3 | 3 | 1 | - | 2 | - | - | - | - |

| CAUSES OF DEATH | Corrected Averages for the 32nd Week of the 10 years 1888–97*. | In the Week ending Saturday, 13th August 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0–1. | 1–5. | 5–20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 113·9 | 127 | 2 | 4 | 10 | 11 | 38 | 56 | 6 |
| Croup - - - - | 3·9 | 1 | - | 1 | - | - | - | - | - |
| Bronchitis - - - | 82·3 | 81 | 36 | 9 | - | 2 | 8 | 23 | 3 |
| Pneumonia - - - | 66·9 | 72 | 24 | 25 | 4 | 3 | 8 | 6 | 2 |
| Pleurisy - - - - | 4·2 | 3 | 1 | - | - | 1 | - | 1 | - |
| Other Diseases of Respiratory System - | 17·4 | 14 | 4 | 1 | - | 3 | 4 | 2 | - |
| Dentition - - - - | 9·3 | 10 | 8 | 2 | - | - | - | - | - |
| Quinsy, Sore Throat - | 1·4 | - | - | - | - | - | - | - | - |
| Enteritis - - - - | 64·6 | 139 | 110 | 17 | 3 | 2 | 1 | 6 | - |
| Peritonitis - - - | 6·6 | 3 | - | - | 1 | 2 | - | - | - |
| Diseases of Liver - - | 27·0 | 20 | 3 | - | - | 1 | 10 | 6 | - |
| Other Diseases of Digestive System | 34·7 | 33 | 12 | 1 | - | 4 | 7 | 7 | 2 |
| Diseases of Lymphatic System & of Ductless Glands - - - | 2·4 | 2 | - | - | - | - | 2 | - | - |
| Diseases of Urinary System - - - | 44·3 | 42 | 1 | 3 | 1 | 3 | 15 | 16 | 3 |
| Diseases of Generative System - - - | 5·5 | 5 | - | - | - | 2 | 2 | 1 | - |
| Accidents of Childbirth - | 5·4 | 4 | - | - | - | 2 | 2 | - | - |
| Diseases of Locomotive System - - - | 5·2 | 2 | 1 | - | 1 | - | - | - | - |
| Diseases of Integumentary System - - | 4·9 | 7 | 3 | - | - | 2 | - | 2 | - |
| VIOLENT DEATHS.‡ (ACCIDENT.) | | | | | | | | | |
| By Railways - - | 53·5 | 1 | - | - | - | - | - | 1 | - |
| By Vehicles or Horses - | | 3 | - | 1 | - | - | 1 | 1 | - |
| In Ships, Boats, Docks, (exclusive of Drowning) - - - | | - | - | - | - | - | - | - | - |
| In Building Operations - | | - | - | - | - | - | - | - | - |
| In Conflagrations - - | | - | - | - | - | - | - | - | - |
| By Burns, Scalds, Explosions - - | | 6 | - | 3 | 1 | 1 | - | 1 | - |
| By Drowning - - | | 6 | - | - | 4 | 2 | - | - | - |
| By Suffocation in Bed - | | 11 | 11 | - | - | - | - | - | - |
| By Poisons or Poisonous Vapours - - | | 3 | - | - | - | - | 2 | 1 | - |
| Other or not stated causes - - - | | 20 | 5 | 5 | - | 1 | 3 | 6 | - |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - | 1·7 | 1 | - | - | - | 1 | - | - | - |
| Suicide - - - - | 8·0 | 10 | - | - | - | 4 | 2 | 4 | - |
| Execution - - - | - | - | - | - | - | - | - | - | - |
| OTHER CAUSES - - | 78·9 | 68 | 63 | - | 1 | - | 3 | - | 1 |

he numbers in this column are the average weekly deaths for the ten years 1888–97, raised by 5·230 per cent. for increase pulation.

nly those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered cal men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the e of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

he evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of lent, murder manslaughter or suicide All such cases are classed under "accident.'

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 13th August, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2807 | 1772 | 800 | 302 | - | 31 | 10 | 27 | 34 | - | 2 | 1 | 328 | 61 | 131 | 428 | 9 |
| WEST DISTRICTS - - - | 778,251 | 421 | 314 | 148 | 51 | - | 3 | 2 | 4 | 6 | - | - | - | 64 | 8 | 17 | 84 | 1 |
| NORTH DISTRICTS - - - | 1,040,694 | 602 | 365 | 163 | 67 | - | 10 | 3 | 8 | 6 | - | 2 | - | 55 | 12 | 27 | 97 | 1 |
| CENTRAL DISTRICTS - - - | 233,635 | 104 | 96 | 37 | 17 | - | 1 | - | 1 | 1 | - | - | - | 12 | 4 | 9 | 39 | - |
| EAST DISTRICTS - - - | 716,334 | 587 | 342 | 161 | 46 | - | 10 | - | 4 | - | - | - | - | 70 | 16 | 42 | 83 | - |
| SOUTH DISTRICTS - - - | 1,642,796 | 1093 | 631 | 291 | 115 | - | 7 | 4 | 10 | 21 | - | - | 1 | 127 | 21 | 36 | 98 | 7 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | — | - | 24 | - | 6 | - | - | 1 | - | - | - | - | - | - | - | - | 24 | - |
| **WEST DISTRICTS.** | | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 43 | 31 | 13 | 6 | - | - | - | - | 1 | - | - | - | 8 | - | 2 | 4 | - |
| St. John Paddington *H* - - G. | 33,510 | 18 | 11 | 4 | 3 | - | - | - | - | - | - | - | - | - | 2 | 2 | 6 | - |
| Kensington Town *Ww* - - W. | 122,164 | 75 | 79 | 36 | 12 | - | 2 | - | - | 3 | - | - | - | 14 | 1 | 2 | 29 | - |
| Brompton *HH*- - - W. & C. | 48,301 | 16 | 8 | 3 | 3 | - | - | - | - | - | - | - | - | 2 | - | - | - | - |
| St. Peter Hammersmith - - W. | 9,097 | 7 | 5 | 2 | - | - | 1 | - | 1 | - | - | - | - | 1 | - | - | - | - |
| St. Paul Hammersmith *HH* W. & G. | 35,102 | 54 | 31 | 16 | 2 | - | - | - | - | 1 | - | - | - | 11 | - | 1 | 1 | - |
| Fulham *Ww* - - - W. & C. | 113,781 | 111 | 53 | 32 | 6 | - | - | 2 | 1 | - | - | - | - | 14 | 1 | 2 | 11 | - |
| Chelsea Kensal Town - C. | 21,450 | 11 | 9 | 7 | 1 | - | - | - | - | - | - | - | - | 3 | - | - | - | - |
| Chelsea North *WHHHHH* - C. | 42,057 | 14 | 21 | 9 | 4 | - | - | - | 1 | - | - | - | - | 2 | 1 | 3 | 7 | - |
| Chelsea South *HH* - - C. | 33,139 | 17 | 13 | 5 | 3 | - | - | - | - | - | - | - | - | 1 | - | - | 3 | - |
| May Fair *W* - - - - G. | 23,827 | 4 | 9 | - | 4 | - | - | - | - | - | - | - | - | - | - | - | 6 | - |
| Belgrave *WHHH* - - - C. | 56,140 | 17 | 10 | 5 | 1 | - | - | - | 1 | - | - | - | - | 2 | 2 | 2 | 5 | - |
| St. John Westminster *HH* - C. | 31,492 | 17 | 8 | 5 | - | - | - | - | - | 1 | - | - | - | 3 | - | - | - | - |
| St. Margaret Westminster *H*- C. | 22,097 | 4 | 9 | 5 | 1 | - | - | - | - | - | - | - | - | 2 | 1 | 2 | 8 | - |
| St. James Westminster *WHH* N. & G. | 23,050 | 9 | 11 | 2 | 5 | - | - | - | - | - | - | - | - | - | - | 1 | 4 | 1 |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 4 | 6 | 4 | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - |
| **NORTH DISTRICTS.** | | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - - W. | 36,595 | 9 | 9 | 4 | 3 | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - |
| Rectory Marylebone *W* G. & W. | 19,798 | 4 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 30 | 7 | 4 | 2 | - | - | - | - | - | - | - | - | 2 | - | 1 | 1 | - |
| Christchurch Marylebone *H* - W | 32,547 | 20 | 8 | 5 | 1 | - | 1 | - | - | - | - | - | - | 3 | - | - | - | - |
| St. John Marylebone *HHH* W. | 32,611 | 12 | 12 | 2 | 5 | - | 1 | - | - | - | - | - | - | - | - | 1 | 1 | - |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 26 | 22 | 3 | 5 | - | - | 3 | 2 | - | - | - | - | 1 | - | - | 10 | - |
| Regent's Park Pancras *HH* - W. | 37,341 | 16 | 8 | 4 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - |
| Tottenham-court *wHHHH* - N. & W. | 26,757 | 11 | 18 | 4 | 2 | - | - | - | - | 1 | - | - | - | 1 | 2 | 4 | 11 | - |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 18 | 7 | 2 | - | - | - | - | - | - | - | - | - | 1 | 2 | 2 | 3 | - |
| Somers Town *HH* - - - N. | 32,161 | 21 | 18 | 9 | 1 | - | 1 | - | - | 1 | - | - | - | 4 | 1 | 2 | 7 | - |
| Camden Town *WH* - - N. | 16,669 | 14 | 15 | 7 | 5 | - | - | - | - | - | - | - | - | 3 | 1 | 1 | 9 | - |
| Kentish Town *WW* - - N. | 98,410 | 61 | 37 | 22 | 7 | - | - | - | - | - | - | - | - | 10 | - | 1 | 4 | 1 |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 59 | 48 | 17 | 10 | - | - | - | - | - | - | 1 | - | 6 | 2 | 3 | 26 | - |
| Islington South-west H - N. | 107,365 | 70 | 33 | 17 | 4 | - | 5 | - | 1 | 2 | - | - | - | 4 | 1 | 3 | 1 | - |
| Islington South-east - - N. | 66,549 | 40 | 13 | 8 | 3 | - | - | - | 1 | - | - | - | - | 2 | - | - | - | - |
| Highbury *HH* - - - N. | 64,577 | 30 | 9 | 4 | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - |
| Stoke Newington *H* - - N. | 33,485 | 21 | 10 | 4 | 3 | - | - | - | - | - | - | - | - | 3 | - | - | - | - |
| North Hackney - - E. & N. | 213,044 | 26 | 13 | 7 | 4 | - | - | - | - | - | - | - | - | 4 | 1 | 1 | - | - |
| Central Hackney *ww* - E. & N. | | 35 | 23 | 13 | 2 | - | - | - | 3 | - | - | 1 | - | 5 | - | 2 | 4 | - |
| South-west Hackney *HHH* E. & N. | | 41 | 30 | 18 | - | - | 1 | - | - | 1 | - | - | - | 3 | 2 | 4 | 8 | - |
| South-east Hackney *WwH* E. & N. | | 38 | 24 | 9 | 8 | - | 1 | - | 1 | 1 | - | - | - | 2 | - | - | 10 | - |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers are received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. The Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River E East London; and K. the Kent Company.

* See note † on first page of this Return.

LE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH. FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday, 13th August, 1898—*continued.*

| EGISTRATION SUB-DISTRICTS | Enumerated Population. 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CENTRAL DISTRICTS. | | | | | | | | | | | | | | | | | | |
| eorge Bloomsbury - - N. | 16,110 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| iles South *WH* - - N. | 12,976 | 4 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 2 | - |
| iles North *H* - - - N. | 9,151 | 4 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| artin-in-the-Fields *HH* N. & C. | 13,077 | 2 | 9 | 1 | 1 | - | - | - | - | - | - | - | - | - | 2 | 3 | 8 | - |
| d *WHH* - - - - N. | 11,839 | 5 | 9 | 2 | 2 | - | - | - | - | - | - | - | - | 1 | - | 1 | 1 | - |
| *d Union Workhouse, Edmonton* | †*1,037* | - | 2 | 1 | 1 | - | - | - | - | - | - | - | - | 1 | - | - | 2 | - |
| orn *wHHHHHHH* - N. | 31,042 | 7 | 18 | 10 | 1 | - | - | - | 1 | - | - | - | - | 2 | - | 1 | 10 | - |
| mes Clerkenwell - - N. | 15,777 | 7 | 2 | 2 | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - |
| ell Clerkenwell - - N. | 34,356 | 22 | 12 | 7 | 2 | - | 1 | - | - | 1 | - | - | - | 2 | 1 | 3 | - | - |
| ell-street - - - - N. | 16,069 | 12 | 3 | 2 | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - |
| road *HHHL* - - - N. | 29,897 | 27 | 14 | 9 | 1 | - | - | - | - | - | - | - | - | 4 | - | - | 1 | - |
| ecross-street - - - N. | 7,595 | 4 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ury - - - - - N. | 4,035 | 2 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| *rn Union Workhouse, cham* - - - - | †*892* | - | 3 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | 3 | - |
| tolph *H* - - N. & E. | 6,870 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| legate - - - - N. | 3,299 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| pulchre *WH* - - - N. | 9,591 | 2 | 14 | 2 | 4 | - | - | - | - | - | - | - | - | - | 1 | 1 | 11 | - |
| llows Barking - - - N. | 9,059 | 1 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Street *H* - - - N. | 2,892 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| *f London Asylum, Stone* - - | †*388* | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| EAST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| ditch South *Hl* - E. & N. | 17,975 | 7 | 8 | 4 | 1 | - | - | - | - | - | - | - | - | 2 | - | 2 | 1 | - |
| n New Town *w* - - N. | 29,575 | 23 | 9 | 6 | - | - | - | - | - | - | - | - | - | 3 | - | 2 | 2 | - |
| n Old Town - - - N. | 27,645 | 22 | 15 | 8 | 2 | - | 1 | - | 1 | - | - | - | - | 4 | - | 2 | - | - |
| rston *WH* - - N. & E. | 47,163 | 32 | 33 | 15 | 5 | - | 2 | - | - | - | - | - | - | 10 | - | 3 | 8 | - |
| al Green North *H* - E. | 49,301 | 61 | 18 | 12 | - | - | - | - | - | - | - | - | - | 5 | 2 | 3 | - | - |
| al Green South - - E. | 34,194 | 35 | 8 | 6 | 1 | - | - | - | - | - | - | - | - | 3 | - | 1 | - | - |
| al Green East *WHl* - E. | 45,667 | 29 | 20 | 7 | 4 | - | - | - | - | - | - | - | - | 5 | 1 | 2 | 10 | - |
| fields - - - E. & N. | 26,681 | 18 | 6 | 3 | 1 | - | 1 | - | - | - | - | - | - | 1 | - | 1 | - | - |
| End New Town *W* - E. | 12,816 | 18 | 11 | 4 | 3 | - | 1 | - | - | - | - | - | - | 1 | - | - | 6 | - |
| chapel Church *H* - E. & N. | 25,561 | 10 | 33 | 10 | 3 | - | - | - | 1 | - | - | - | - | 3 | 4 | 5 | 24 | - |
| nan's Fields - - - E. | 13,618 | 13 | 6 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| orge's North - - - E. | 39,576 | 44 | 13 | 7 | 1 | - | - | - | - | - | - | - | - | 3 | 1 | 3 | - | - |
| n, St. George East *W* E. | 7,930 | 7 | 9 | 4 | 2 | - | - | - | - | - | - | - | - | - | - | - | 6 | - |
| well *H* - - - E. & N. | 10,434 | 11 | 14 | 6 | 1 | - | 1 | - | - | - | - | - | - | 3 | - | - | 8 | - |
| ff *W* - - - - E. | 14,954 | 14 | 5 | 2 | - | - | - | - | - | - | - | - | - | 1 | 1 | 1 | - | - |
| ouse - - - - E. | 32,917 | 20 | 10 | 8 | 1 | - | 1 | - | - | - | - | - | - | 2 | 1 | 3 | - | - |
| nd Old Town West *H* E. / nd Old Town East *ww* - E. | 111,060 | 43 / 45 | 19 / 24 | 10 / 15 | 4 / 4 | - | 1 / - | - / - | - / 1 | - / - | - / - | - / - | - / - | 8 / 4 | - / - | - / 2 | - / 8 | - / - |
| l - - - - E. | 41,687 | 25 | 18 | 6 | 2 | - | - | - | - | - | - | - | - | 3 | - | 1 | 1 | - |
| ey *wwwH* - - - E. | 69,821 | 57 | 47 | 18 | 8 | - | 2 | - | 1 | - | - | - | - | 7 | 4 | 6 | 10 | - |
| *WW* - - - - E. | 57,759 | 53 | 16 | 8 | 2 | - | - | - | - | - | - | - | - | 2 | 2 | 5 | 2 | - |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX MEASI SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in ea SUB-DISTRICT during the Week ending Saturday, 13th August, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WH* L.&S. | 13,064 | 10 | 5 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| St. Saviour Southwark - - S. | 12,301 | 6 | 2 | 1 | – | – | – | – | – | – | – | – | – | 1 | – | – | – |
| Kent-road - - - - S. & L. | 22,879 | 11 | 8 | 3 | 1 | – | – | – | – | 1 | – | – | – | 1 | 1 | 1 | – |
| Borough-road *WH* - S. & L. | 16,083 | 13 | 10 | 8 | – | – | – | – | 1 | 1 | – | – | – | 3 | – | – | 4 |
| London-road *HL* - - L. & S. | 21,316 | 8 | 13 | 7 | 1 | – | 1 | – | – | 1 | – | – | – | 4 | – | – | – |
| Trinity Newington - - S. & L. | 28,723 | 14 | 12 | 7 | 2 | – | 1 | – | – | – | – | – | – | 2 | – | – | – |
| St. Peter Walworth *W* - S. & L. | 62,045 | 52 | 25 | 12 | 2 | – | 1 | – | – | – | – | – | – | 9 | – | – | 1 |
| St. Mary Newington- - L. & S. | 30,171 | 21 | 16 | 14 | 1 | – | 1 | – | – | – | – | – | – | 8 | – | – | – |
| St. Olave *WH* - - - - S. | 11,731 | 13 | 9 | 2 | 2 | – | – | – | – | – | – | – | – | – | 4 | 4 | 5 |
| Leather Market *W* - S. & L. | 32,339 | 37 | 14 | 12 | 1 | – | – | – | – | 3 | – | – | – | 5 | 1 | 2 | – |
| St. James Bermondsey - - S. | 53,136 | 31 | 10 | 5 | 2 | – | – | – | – | – | – | – | – | 1 | 1 | 2 | – |
| Rotherhithe *WwH* - S. & K. | 40,379 | 29 | 20 | 8 | 7 | – | – | – | – | – | – | – | – | 3 | 2 | 2 | 9 |
| Waterloo-road *HH* - L. & S. | 28,396 | 31 | 12 | 8 | – | – | – | – | – | 1 | – | – | – | 1 | – | – | 3 |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 15 | 20 | 9 | 1 | – | – | – | 2 | – | – | – | – | 1 | – | 1 | 11 |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 38 | 32 | 17 | 8 | – | – | – | – | 1 | – | – | – | 10 | 1 | 1 | 9 |
| Kennington 1st *H* - - S. & L. | 52,486 | 37 | 15 | 8 | 4 | – | – | – | – | – | – | – | 1 | 5 | – | – | – |
| Kennington 2nd - - S. & L. | 43,244 | 23 | 17 | 6 | 4 | – | – | – | – | – | – | – | – | 4 | – | 1 | – |
| Brixton *w* - - - L. & S. | 81,825 | 49 | 25 | 6 | 3 | – | 1 | 2 | 3 | 3 | – | – | – | – | – | 1 | 4 |
| Norwood *WH* - - - - L. | 29,318 | 10 | 14 | 2 | 5 | – | – | – | – | 1 | – | – | – | – | 1 | 2 | 1 |
| East Battersea - - - - S. | 71,730 | 46 | 26 | 17 | – | – | – | – | – | – | – | – | – | 9 | – | – | – |
| West Battersea *WwH* - - S. | 93,385 | 60 | 41 | 21 | 9 | – | – | – | – | – | – | – | – | 8 | 1 | 3 | 3 |
| Clapham *H* - - - - S. | 46,953 | 27 | 12 | 7 | 2 | – | – | – | – | 1 | – | – | – | 2 | – | – | – |
| Wandsworth *WHHL* - - S. | 58,101 | 42 | 17 | 8 | 3 | – | – | – | – | – | – | – | – | 6 | 1 | 2 | – |
| Putney - - - - - S. | 20,566 | 11 | 4 | 2 | 1 | – | – | – | – | 1 | – | – | – | 2 | – | – | – |
| Streatham *Wwww* - - - L. | 61,644 | 30 | 13 | 7 | 1 | – | – | – | 1 | – | – | – | – | 2 | – | 1 | 1 |
| Dulwich - - - - L. & S. | 7,519 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Camberwell *Wwll* - S. & L. | 90,286 | 42 | 43 | 14 | 11 | – | – | – | – | 2 | – | – | – | 5 | 2 | 2 | 21 |
| Peckham *WW* - S., L., & K. | 88,242 | 61 | 30 | 12 | 10 | – | 1 | – | – | – | – | – | – | 11 | – | – | – |
| St. George Camberwell *W* L. & S. | 67,029 | 56 | 26 | 13 | 3 | – | 1 | – | – | 1 | – | – | – | 6 | – | 1 | – |
| Deptford North - - - - K. | 36,152 | 29 | 6 | 4 | 1 | – | – | – | – | – | – | – | – | 1 | – | – | – |
| Deptford Central *w* - - K. | 45,441 | 32 | 17 | 7 | 3 | – | – | 1 | – | 2 | – | – | – | 2 | – | 1 | 1 |
| Deptford South - - - K. | 33,402 | 16 | 3 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| Greenwich West *H* - - K. | 23,012 | 19 | 6 | 1 | – | – | – | – | – | – | – | – | – | 2 | – | – | 3 |
| Greenwich East *WH* - - K. | 37,767 | 29 | 29 | 10 | 8 | – | – | – | – | – | – | – | – | 4 | 1 | 2 | 13 |
| Eltham *wH* - - - - K. | 5,911 | 5 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Lee *H* - - - - - K. | 24,222 | 11 | 5 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – |
| Lewisham *WwH* - - - K. | 38,139 | 29 | 25 | 10 | 9 | – | – | 1 | 3 | 1 | – | – | – | 6 | – | 1 | 6 |
| Sydenham *H* - - - - L. | 37,601 | 20 | 11 | 3 | 3 | – | – | – | – | – | – | – | – | – | 2 | 2 | – |
| Charlton *wHH* - - K. | 15,928 | 13 | 5 | 2 | – | – | – | – | – | – | – | – | – | 1 | – | – | 2 |
| Woolwich Dockyard - - K. | 19,355 | 10 | 4 | 2 | 1 | – | – | – | – | – | – | – | – | 1 | – | 1 | – |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 14 | 8 | 2 | – | – | – | – | – | 1 | – | – | – | – | 2 | 2 | – |
| Plumstead West *H* - - K. | 16,714 | 14 | 4 | 1 | – | – | – | – | – | – | – | – | – | – | 1 | 1 | – |
| Plumstead East *WH* - - K. | 42,538 | 27 | 16 | 9 | 2 | – | – | – | – | – | – | – | – | 1 | – | – | 1 |
| Banstead Asylum - - - - | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | 1 |
| Caterham Asylum - - - - | — | – | 3 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 3 |
| Cane Hill Asylum - - - - | — | – | 4 | – | – | – | – | – | – | – | – | – | – | – | – | – | 4 |
| Hospital Ships and Camp, Dartford | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Darenth Asylum - - - - | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | 1 |
| Hanwell Asylum - - - - | — | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 |
| Colney Hatch Asylum - | — | – | 6 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 6 |
| N.E. Hospital - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Winchmore Hill Hospital - - | — | – | 1 | – | – | – | – | 1 | – | – | – | – | – | – | – | – | 1 |
| Leavesden Asylum - - - - | — | – | 6 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 6 |
| Claybury Asylum - - - - | — | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 |

LE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 13th August, 1898.

| Sub-division number | REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years & upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ONDON—OUTER RING - | 368,749 | 1,422,063 | 1145 | 642 | 328 | 103 | – | 5 | 3 | 13 | 17 | 9 | 151 | 15 | 31 | 43 | 6 |
| 1 | Carshalton *wHH* - - | 12,228 | 26,108 | 5 | 3 | – | 1 | – | – | – | – | – | – | – | – | – | 1 | – |
| 2 | Epsom, *part of** *WwHH* - | 10,423 | 12,508 | 6 | 6 | 1 | 2 | – | – | – | 1 | – | – | – | – | 1 | 3 | – |
| 1 | Godstone, *part of** *W* - | 2,754 | 1,598 | 1 | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| 1 | Croydon *WwHHH* - - | 20,851 | 128,699 | 75 | 48 | 26 | 10 | – | 1 | – | – | 1 | – | 13 | – | – | 4 | – |
| 2 | Mitcham *w* - - - | 11,697 | 23,088 | 12 | 7 | 3 | 3 | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Wimbledon *HHH* - - | 3,220 | 25,761 | 17 | 6 | 1 | 3 | – | – | – | – | – | – | 1 | – | – | – | – |
| 2 | Kingston *W* - - - | 8,071 | 33,566 | 29 | 11 | 5 | – | – | – | – | – | 2 | – | – | – | – | – | – |
| 3 | Surbiton *H-* - - - | | 11,199 | 9 | 7 | 2 | 1 | – | – | – | – | – | – | – | 1 | 1 | 1 | – |
| 4 | Esher, *part of** *HH* - | 6,601 | 12,059 | 7 | 4 | 1 | 2 | – | – | – | – | – | – | – | – | – | 1 | – |
| 5 | Hampton *HL* - - - | 4,565 | 18,252 | 12 | 4 | – | 2 | – | – | – | 1 | – | – | – | – | – | 1 | – |
| 1 | Richmond *WH-* - - | 2,160 | 25,389 | 14 | 13 | 3 | 5 | – | – | – | – | – | – | – | 1 | 1 | 2 | – |
| 2 | Mortlake *H* - - - | 2,823 | 16,159 | 13 | 5 | 3 | – | – | – | – | – | – | – | 2 | – | – | – | – |
| 1 | Bromley *HHH* - - - | 9,127 | 23,815 | 11 | 2 | 1 | – | – | – | – | – | – | 1 | 1 | – | – | – | – |
| 2 | Beckenham *H* - - - | 6,542 | 21,969 | 15 | 7 | 5 | – | – | – | – | – | – | – | 3 | – | – | – | – |
| 3 | Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 17 | 5 | – | 2 | – | – | – | – | – | – | – | – | – | – | 1 |
| 1 | Bexley *HHH* - - - | 12,540 | 30,590 | 24 | 13 | 4 | 3 | – | – | – | 3 | 1 | 1 | 2 | – | – | 3 | 1 |
| 2 | Dartford *WH, part of** - | — | — | – | 2 | – | 2 | – | – | – | – | – | – | – | – | – | 2 | – |
| 1 | Sunbury *w* - - - | 11,054 | 13,671 | 13 | 9 | 3 | 4 | – | – | – | – | 1 | – | 2 | 1 | 1 | – | 1 |
| 2 | Staines *WH* - - - | 13,277 | 13,221 | 11 | 6 | 1 | 2 | – | – | – | – | 1 | – | – | 1 | 1 | 2 | – |
| 1 | Hillingdon *WHH* - - | 6,035 | 12,237 | 5 | 6 | 2 | – | – | – | – | 1 | 1 | – | – | 1 | 1 | 1 | – |
| 2 | Uxbridge - - - - | 12,757 | 7,253 | 15 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Hayes *wH-* - - - | 7,952 | 11,051 | 4 | 3 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Isleworth *WHH* - - | 6,967 | 26,004 | 15 | 10 | 6 | 1 | – | – | – | – | – | – | 3 | 1 | 1 | 2 | – |
| 2 | Twickenham *HH* - - | 2,415 | 16,027 | 8 | 2 | 1 | 1 | – | – | – | – | – | – | 1 | – | – | – | – |
| 3 | Brentford *HHHH* - - | 4,318 | 37,777 | 20 | 10 | 4 | 2 | – | – | – | – | – | – | 2 | – | 1 | – | – |
| 4 | Chiswick - - - - | 1,245 | 21,963 | 22 | 8 | 5 | – | – | – | – | – | 1 | – | 2 | – | – | – | – |
| 5 | Acton *wHH* - - - | 6,132 | 30,945 | 29 | 16 | 8 | 1 | – | – | – | – | – | – | 2 | – | – | – | – |
| 1 | Harrow *HHH* - - - | 13,809 | 15,715 | 8 | 5 | – | 3 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Edgware *HH* - - - | 6,994 | 3,844 | 4 | 2 | 1 | – | – | – | – | 1 | – | – | – | – | – | – | – |
| 3 | Willesden *HHH* - - | 4,383 | 61,265 | 73 | 32 | 18 | 3 | – | – | – | – | – | 1 | 5 | – | – | – | 1 |
| 4 | Hendon *WH* - - - | 8,382 | 15,843 | 14 | 7 | 6 | – | – | – | – | – | – | – | 2 | – | 2 | – | – |
| 1 | South Mimms *HH* - - | 21,077 | 6,367 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Barnet *WHH* - - - | | 14,152 | 4 | 4 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Finchley *HHH-* - - | 4,688 | 25,820 | 19 | 5 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Hornsey *HH* - - - | 3,039 | 61,097 | 36 | 18 | 9 | 3 | – | 1 | – | – | – | – | 5 | – | 3 | 1 | – |
| 2 | Tottenham *HH-* - - | 4,642 | 97,174 | 90 | 48 | 29 | 5 | – | – | – | 1 | 3 | 2 | 12 | 3 | 6 | 1 | – |
| 3 | Edmonton *Www* - - | 7,489 | 36,351 | 41 | 19 | 11 | – | – | – | – | – | 3 | – | 8 | – | 1 | 1 | – |
| 4 | Enfield *WWHH* - - | 12,602 | 31,536 | 22 | 11 | 6 | 3 | – | – | – | – | – | – | 4 | – | – | – | – |
| 5 | Waltham Abbey - - - | 11,017 | 6,066 | 5 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 6 | Cheshunt *H* - - - | 8,480 | 9,620 | 12 | 3 | 2 | 1 | – | – | – | – | – | – | 1 | – | – | – | – |
| 1 | Hatfield, *part of** *W* - - | 3,306 | 582 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Bushey *H* - - - - | 9,331 | 7,737 | 4 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Watford *WH, part of** - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Stratford *H* - - - | 4,706 | 38,612 | 36 | 22 | 16 | 1 | – | 1 | – | – | 1 | – | 4 | – | 1 | – | – |
| 2 | Plaistow *WHHH* - - | | 58,030 | 68 | 47 | 30 | 4 | – | 1 | 1 | 2 | 1 | – | 14 | – | 1 | 1 | 1 |
| 3 | Canning Town *H* - - | | 54,750 | 57 | 33 | 18 | 3 | – | – | – | 1 | – | – | 10 | 4 | 4 | – | 1 |
| 4 | Forest Gate *w* - - - | | 53,511 | 30 | 21 | 10 | 3 | – | – | – | – | 1 | 2 | 2 | – | – | – | – |
| 5 | East Ham *wH-* - - | 3,266 | 32,713 | 61 | 30 | 23 | 2 | – | – | – | – | – | – | 11 | – | – | – | – |
| 6 | Leyton *WWWwH* - - | 4,334 | 70,188 | 68 | 37 | 19 | 11 | – | 1 | – | – | – | 1 | 9 | 1 | 3 | 9 | – |
| 7 | Walthamstow *HHL-* - | 6,501 | 57,330 | 47 | 48 | 28 | 4 | – | – | 1 | 1 | – | 1 | 19 | – | 1 | 1 | – |
| 1 | Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 12 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Epping *WH, part of** - | — | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| 1 | Romford, *part of** *WH* - | 6,556 | 4,324 | 3 | 4 | 2 | – | – | – | – | – | – | – | 2 | – | – | – | – |
| 2 | Ilford - - - - - | 8,493 | 10,913 | 11 | 12 | 6 | 2 | – | – | – | – | – | – | 6 | – | – | – | – |
| 3 | Barking Town, *H* - - | 3,814 | 14,301 | 9 | 9 | 4 | – | – | – | – | 1 | – | – | 3 | – | – | 1 | – |
| | Middlesex Co. Lunatic Asy., Wandsworth. | — | — | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | 1 | – |
| | London Co. Lunatic Asy., Cane Hill. | — | — | – | 2 | – | 1 | – | – | – | – | – | – | – | – | – | 2 | – |
| | North-Eastern Fever Hosp. | — | — | – | 1 | – | – | – | – | 1 | – | – | – | – | – | – | 1 | – |

The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring as follows:—30 : 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37 : 1, the parishes of Warlingham Farley in Godstone sub-district; 39 : 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41 : 3, Chislehurst -district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135 : 1, the parish of Northaw in field sub-district; 187 : 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping ). 1,079); 189 : 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for ctious Diseases belonging to the Outer Ring in 42 : 2, Dartford; 137 : 2, Watford; and 187 : 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday. 13th August, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | Annual Rate of Mortality per 1000 living. From All Causes. | Annual Rate of Mortality per 1000 living. From Diseases in Cols. 8-14. | Deaths from All Causes. | The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. | 16. |
| GREATER LONDON | **443,421** | **6,408,321** | **19·6** | **5·1** | **2414** | **1128** | **405** | **–** | **36** | **13** | **40** | **51** | **12** | **479** | **76** | **471** |
| INNER LONDON - | 74,672 | 4,504,766 | 20·5 | 5·0 | 1772 | 800 | 302 | – | 31 | 10 | 27 | 34 | 3 | 328 | 61 | 428 |
| OUTER RING - | 368,749 | 1,903,555 | 17·6 | 5·4 | 642 | 328 | 103 | – | 5 | 3 | 13 | 17 | 9 | 151 | 15 | 43 |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent to the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

| CITIES | Population (enumerated or estimated). | Date of Return. Week ending | Births. (Exclusive of Stillborn) | Deaths. (Exclusive of Stillborn) | Annual Death-rate per 1000 living. | Deaths from Principal Zymotic Diseases. Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœal Diseases. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 295,628 | August 13 | 160 | 109 | 19·2 | – | 4 | 2 | 1 | 2 | 1 | 4 |
| GLASGOW - - | 724,349 | „ 13 | 457 | 290 | 20·9 | – | 2 | 7 | 3 | 7 | 3 | 46 |
| DUBLIN - - | 349,594 | „ 13 | 282 | 171 | 25·5 | – | – | 3 | 1 | 5 | 3 | 19 |
| CALCUTTA - - | 466,460 | July 9 | – | 158 | 17·6 | 1 | 1 | – | – | 1 | 50† | 24 |
| BOMBAY - - | 821,764 | „ 19 | 184 | 532 | 33·7 | – | 1 | ? | ? | ? | 121† | 51‡ |
| MADRAS - - | 452,518 | „ 22 | 389 | 458 | 52·6 | 1 | 12 | ? | ? | ? | 150 | 106‡ |
| PARIS - - - | 2,511,629 | August 6 | 1087 | 884 | 18·3 | – | 22 | 2 | 2* | 13 | 2 | 109 |
| BRUSSELS - - | 531,024 | „ 6 | 260 | 154 | 14·5 | – | – | – | 2* | 2 | 2 | 29 |
| AMSTERDAM - | 508,266 | July 30 | 274 | 140 | 14·4 | – | 5 | – | 1 | 4 | – | – |
| ROTTERDAM - | 301,816 | „ 30 | 186 | 83 | 14·1 | – | 1 | – | – | – | | – |
| THE HAGUE - | 196,325 | „ 30 | 83 | 53 | 14·1 | – | 2 | – | – | 2 | | – |
| COPENHAGEN - | 340,500 | August 6 | 176 | 89 | 13·6 | – | – | – | – | 3 | – | 3 |
| STOCKHOLM - | 274,611 | July 30 | 129 | 92 | 16·9 | – | – | – | 4* | 3 | – | 10 |
| CHRISTIANIA - | 192,141 | August 6 | 138 | 49 | 12·5 | – | 1 | – | – | – | – | 1 |
| ST. PETERSBURG | 954,400 | July 30 | 503 | 515 | 28·1 | 2 | 5 | 9 | 19 | 5 | 21 | 103 |
| MOSCOW - - | 988,610 | „ 30 | – | 659 | 34·8 | 2 | 15 | 4 | 6 | 4 | 4 | 253 |
| BERLIN - - | 1,753,775 | „ 23 | 938 | 517 | 15·2 | – | 6 | 2 | 8 | 16 | 3 | 76 |
| HAMBURG - - | 661,015 | August 6 | – | 207 | 16·3 | – | 8 | – | 4* | – | 2 | 28 |
| DRESDEN - - | 377,500 | July 2 | – | – | – | – | – | – | – | – | – | – |
| BRESLAU - - | 392,795 | August 6 | – | 174 | 23·1 | – | – | 6 | 2 | 1 | – | 36 |
| MUNICH - - | 430,000 | „ 6 | – | 182 | 22·0 | – | 1 | 1 | 4* | 3 | – | 55 |
| VIENNA - - | 1,574,129 | „ 6 | – | – | – | – | – | – | – | – | – | – |
| PRAGUE - - | 377,109 | July 30 | 197 | 162 | 22·1 | – | 6 | 4 | 3 | – | 3 | 3 |
| BUDA-PESTH - | 648,104 | „ 30 | 424 | 317 | 25·4 | – | 9 | 8 | 3 | 3 | 4 | 65 |
| TRIESTE - - | 164,491 | „ 30 | 80 | 117 | 36·8 | – | – | 2 | – | 1 | – | 32 |
| ROME - - - | 489,965 | „ 2 | 201 | 162 | 17·2 | – | 1 | – | 1 | – | 7§ | 34 |
| TURIN (10 days) | 344,203 | June 30 | 177 | 175 | 18·6 | – | 3 | – | 2 | – | 2 | 21 |
| VENICE - - | 167,074 | July 23 | 102 | 68 | 21·2 | – | – | – | – | – | 2 | 14 |
| CAIRO - - | 570,062 | June 3 | 394 | 564 | 50·8 | – | 75 | – | 7* | 1 | 39 | 136 |
| ALEXANDRIA - | 319,766 | „ 3 | 182 | 180 | 29·3 | 1 | – | – | 1* | – | 8 | 44 |
| NEW YORK (including BROOKLYN) | 3,438,899 | July 23 | 1402 | 1486 | 22·6 | – | 8 | 8 | 19 | 27 | 4 | 388 |
| PHILADELPHIA - | 1,240,266 | „ 23 | – | 523 | 22·0 | – | – | 1 | 16 | 5 | 6 | 104 |

* Including deaths from croup.
† Including 9 deaths from bubonic fever in Calcutta and 63 in Bombay.
‡ Including 2 deaths from cholera in Calcutta, 2 in Bombay, and 30 in Madras.
§ Including 4 deaths from malarial fever.

| 1898. Month and Day. | Phases of the Moon. | Barometer. Mean daily reading (corrected and reduced to 32° Fahrenheit). | Temperature. Of the Air. Highest. | Temperature. Of the Air. Lowest | Temperature. Of the Air. Daily Range. | Temperature. Of the Air. Mean daily value. | Temperature. Of the Air. Departure from Average of 50 years. | Temperature. Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Difference. Greatest. | Difference. Least. | Degree of Humidity (Saturation equals 100). | Temperature. Of Radiation. Highest in Sun's Rays. | Temperature. Of Radiation. Lowest on the Grass. | Temperature. Of the Earth 3 feet below the Surface. | Wind as deduced from Anemometers. Osler's. General Direction. A.M. | Wind. General Direction. P.M. | Wind. Pressure on the Square Foot. Greatest. | Wind. Pressure. Least. | Wind. Pressure. Mean of 24 hourly obs. | Wind. Robinson's. Horizontal Movement of the Air on each Day. | Wind. Robinson's. Departure from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AUGUST | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| SUNDAY - 7 | .. | 29·613 | 56·5 | 49·2 | 7·3 | 52·2 | −10·3 | 51·2 | 1·0 | 5·1 | 0·0 | 96 | 65·0 | 46·6 | 61·60 | NNW., W. & NE. | NNE., N. & NNW. | 2·6 | 0·0 | 0·1 | 185 | − 74 | 0·51 | 0·0 |
| MONDAY - 8 | .. | 29·575 | 60·1 | 48·0 | 12·1 | 53·5 | − 9·0 | 48·7 | 4·8 | 8·9 | 1·1 | 84 | 97·2 | 45·1 | 61·35 | NE. | NNE., N. & NNW. | 4·4 | 0·0 | 0·5 | 324 | + 65 | 0·05 | 0·0 |
| TUESDAY - 9 | Last Quarter. | 29·942 | 67·8 | 50·0 | 17·8 | 57·2 | − 5·3 | 49·3 | 7·9 | 15·5 | 2·7 | 75 | 116·7 | 46·0 | 60·83 | NW. | N., NW. & WSW. | 1·7 | 0·0 | 0·1 | 209 | − 49 | 0·00 | 0·2 |
| WEDNESDAY 10 | .. | 29·971 | 68·0 | 50·7 | 17·3 | 59·4 | − 3·1 | 54·1 | 5·3 | 11·7 | 1·2 | 83 | 122·0 | 47·0 | 60·45 | SW. & SSW. | SW. & WSW. | 5·5 | 0·0 | 0·6 | 356 | +100 | 0·00 | 0·8 |
| THURSDAY- 11 | Greatest Dec. N. | 30·031 | 80·8 | 57·5 | 23·3 | 66·7 | + 4·2 | 55·0 | 11·7 | 26·0 | 2·1 | 66 | 134·1 | 54·7 | 60·34 | SW. & WSW. | SW. & SSW. | 2·1 | 0·0 | 0·1 | 262 | + 9 | 0·00 | 0·0 |
| FRIDAY - 12 | .. | 29·844 | 84·5 | 55·8 | 28·7 | 71·0 | + 8·5 | 55·5 | 15·5 | 28·1 | 3·8 | 58 | 136·6 | 51·9 | 60·68 | SE., SSE. & S. | S. & SSE. | 3·3 | 0·0 | 0·3 | 231 | − 18 | 0·00 | 0·0 |
| SATURDAY - 13 | Apogee | 29·817 | 87·5 | 64·2 | 23·3 | 73·4 | +11·0 | 62·6 | 10·8 | 23·0 | 1·4 | 69 | 142·9 | 59·1 | 61·20 | S., SSW. & WSW. | WSW. & SW. | 0·9 | 0·0 | 0·0 | 176 | − 39 | 0·00 | 0·0 |
| MEANS - - | | 29·828 | 72·2 | 53·6 | 18·5 | 61·9 | − 0·6 | 53·8 | 8·1 | 16·9 | 1·8 | 76 | 116·4 | 50·1 | 60·92 | N. & SW. | | .. | .. | .. | Sum 1743 | Sum − 36 | Sum 0·56 | 0·1 |
| No. of Column - | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| Date. August | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | General Remarks. |
|---|---|---|---|---|
| SUNDAY - 7 | w. P. till 9h. A.M.; w. P. and v. N. till 5h. P.M.; w. P. afterwards. | 0·2 | 15·0 | Overcast till afternoon with continuous rain between 9h. A.M. and 5h. P.M.; fine and partially cloudy afterwards. A cold day. |
| MONDAY - 8 | w. P. throughout - | 0·2 | 15·0 | Generally overcast; showery in morning. A cold day. |
| TUESDAY - 9 | w. P. till 10h. A.M.; m. P. afterwards. | 3·2 | 14·9 | Fine with large amounts of cloud. A few drops of rain at 3h. P.M. |
| WEDNESDAY 10 | w. P. throughout - | 0·4 | 14·9 | Generally overcast till evening; fine with variable clouds afterwards. A little thin rain in forenoon. |
| THURSDAY- 11 | w. P. throughout - | 11·4 | 14·8 | Cloudy in morning; very fine and generally cloudless afterwards. Warm. |
| FRIDAY - 12 | w. P. throughout - | 12·2 | 14·8 | Cloudless till noon; fine and partially cloudy till 8h. P.M.; sky generally covered afterwards. Very warm. |
| SATURDAY - 13 | w. P. throughout - | 8·0 | 14·7 | Cloudy in morning; very fine generally afterwards; cloudless after 6h. P.M. A very warm day. |
| | | Sum 35·6 | Sum 104·1 | |
| No. of Col. - - | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer increased from 29·61 in. at the beginning of the week to 29·66 in. by 3h. A.M. on the 7th; decreased to 29·54 in. by 2h. P.M. on the same day; increased to 29·66 in. by 9h. P.M. on the same day; decreased to 29·54 in. by 1h. P.M. on the 8th; increased to 30·02 in. by 11h. P.M. on the 9th; decreased to 29·93 in. by 5h. P.M. on the 10th; increased to 30·06 in. by 9h. A.M. on the 11th; decreased to 29·76 in. by 2h. A.M. on the 13th; and increased to 29·85 in. by the end of the week.

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1898.

OFFICIAL COPY.

# WEEKLY RETURN
OF
# BIRTHS AND DEATHS IN LONDON
AND IN
# THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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No. 33. 1898. Vol. LIX.] Week ending Saturday, Aug. 20. [Price 1½*d*.

*General Register Office, Somerset House,*
*August 22nd*, 1898.

## Thirty-three Great Towns.

The deaths registered last week in Thirty-three Great Towns of England and Wales corresponded to an annual rate of 22·0 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| Towns. | Weeks ending | | | | Towns. | Weeks ending | | | |
|---|---|---|---|---|---|---|---|---|---|
| | July 30. | Aug. 6. | Aug. 13. | Aug. 20. | | July 30. | Aug. 6. | Aug. 13. | Aug. 20. |
| 33 Great Towns | 17·2 | 18·3 | 20·5 | 22·0 | Leicester - - | 15·7 | 16·5 | 20·2 | 17·7 |
| Birkenhead - | 25·3 | 16·6 | 24·9 | 18·0 | Liverpool - - | 23·0 | 24·4 | 27·7 | 31·1 |
| Birmingham - | 19·5 | 20·0 | 21·6 | 24·1 | London - - - | 16·8 | 18·4 | 20·5 | 23·4 |
| Blackburn - | 11·0 | 17·6 | 13·7 | 20·7 | Manchester - - | 19·0 | 21·3 | 21·0 | 22·6 |
| Bolton - - | 14·0 | 14·9 | 17·0 | 22·6 | Newcastle-on-Tyne | 17·8 | 21·0 | 17·5 | 18·2 |
| Bradford - | 13·6 | 15·2 | 17·2 | 16·3 | Norwich - - | 17·3 | 14·5 | 17·3 | 14·5 |
| Brighton - | 11·9 | 10·2 | 17·1 | 16·6 | Nottingham - - | 14·4 | 15·7 | 15·5 | 14·8 |
| Bristol - | 10·7 | 13·3 | 14·8 | 17·3 | Oldham - - | 19·0 | 10·9 | 16·2 | 12·7 |
| Burnley - | 11·9 | 11·9 | 13·8 | 12·4 | Plymouth - - | 13·7 | 24·2 | 23·7 | 16·3 |
| Cardiff - - | 9·4 | 16·7 | 15·0 | 17·3 | Portsmouth - - | 21·8 | 16·8 | 21·8 | 21·5 |
| Croydon - | 13·4 | 14·7 | 17·2 | 18·0 | Preston - - | 11·2 | 17·5 | 29·1 | 26·4 |
| Derby - - | 13·4 | 12·9 | 14·4 | 19·4 | Salford - - - | 27·3 | 25·6 | 29·0 | 23·9 |
| Gateshead - | 15·1 | 14·1 | 14·6 | 16·1 | Sheffield - - | 21·9 | 22·4 | 24·9 | 26·9 |
| Halifax - | 23·7 | 14·6 | 14·0 | 8·6 | Sunderland - - | 19·6 | 23·9 | 18·5 | 22·1 |
| Huddersfield - | 14·8 | 10·2 | 16·3 | 13·7 | Swansea - - | 12·3 | 16·4 | 14·3 | 13·8 |
| Hull - - | 17·2 | 12·0 | 18·4 | 19·3 | West Ham - - | 16·4 | 16·4 | 23·5 | 20·4 |
| Leeds - - | 16·6 | 19·9 | 22·2 | 24·7 | Wolverhampton - | 21·3 | 20·1 | 27·8 | 24·3 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·1 in Portsmouth, and 2·1 in Plymouth; from *whooping-cough*, 1·0 in Swansea and in Salford, and 1·8 in Preston; and from *diarrhœa*, 4·0 in Sunderland, 4·7 in Blackburn, 5·0 in London, 5·6 in Salford, 5·9 in Wolverhampton, 6·1 in Hull, 6·3 in Preston and in Leeds, 6·4 in Birmingham, 6·7 in Croydon and in Leicester, 7·1 in Liverpool, and 8·2 in Sheffield. In no case did the death rate from *scarlet fever* or from "*fever*" reach 1·0 per 1000 in any of the thirty-three towns. The 53 deaths from *diphtheria* included 26 in London, 4 in West Ham, 4 in Birmingham, and 3 in Leeds. No death from *small-pox* was registered in any of the thirty-three towns.

## London.

In London† 2489 births and 2019 deaths were registered. Allowing for increase of population, the births were 228 below, and the deaths 357 above, the average numbers in the corresponding weeks of the last ten

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

years. The annual death-rate per 1000 from all causes, which had been 16·8, 18·4, and 20·5 in the preceding three weeks, further rose last week to 23·4. During the four weeks ending on Saturday last the death-rate averaged 19·8 per 1000, being 0·1 per 1000 below the mean rate in the corresponding periods of the ten years 1888–97.

The 2019 deaths included 18 from measles, 17 from scarlet fever, 26 from diphtheria, 32 from whooping-cough, 13 from enteric fever, 1 from an ill-defined form of continued fever, 433 from diarrhœa and dysentery, 14 from cholera and choleraic diarrhœa, and not one death from small-pox or from typhus; thus, 554 deaths were referred to these diseases, being 174 above the corrected average weekly number.

The deaths from *measles*, which had been 23, 14, and 31 in the preceding three weeks, fell again last week to 18, and were 25 below the corrected average. The deaths from *scarlet fever*, which had been 7, 8, and 10 in the preceding three weeks, further rose last week to 17, but were 7 below the corrected average; 3 cases belonged to St. Pancras, 3 to St. George Southwark, and 3 to Bermondsey sanitary areas. The deaths from *diphtheria*, which had been 21, 30, and 27 in the preceding three weeks, were 26 last week, the corrected average being 40; 6 cases belonged to Battersea, 4 to Newington, and 3 to Mile End Old Town sanitary areas. The deaths from *whooping-cough*, which had been 30, 29, and 34 in the preceding three weeks, fell again last week to 32, the corrected average being 31. The fatal cases of *enteric fever*, which had been 7, 10, and 2 in the preceding three weeks, rose again last week to 13, and were equal to the corrected average; 2 cases belonged to St. Pancras and 2 to Islington sanitary areas. The deaths from *diarrhœa*, which had been 138, 227, and 328 in the preceding three weeks, further rose last week to 433, and were 213 above the corrected average. Of the 433 deaths from diarrhœa, 423 were of children under 5 years of age; 121 more deaths at this age-period were described as due to *gastro-enteritis*, and are included under enteritis in Table 4. The deaths referred to diseases of the respiratory organs, which had been 173, 174, and 171 in the preceding three weeks, rose again last week to 196, and were 30 above the corrected average. The deaths attributed directly to *influenza* numbered 3, having been 5, 8, and 6 in the preceding three weeks.

Different forms of violence caused 67 deaths, concerning all but 7 of which inquests were held. Of these 67 deaths, 11 were cases of suicide, and 1 of homicide, while the remaining 55 were attributed to accident or negligence. Eight of these were referred to vehicles in the streets, 4 to drowning, 10 to sunstroke, 1 to the effects of chloroform administered for surgical purposes, and 7 (of infants under one year of age) to suffocation in bed.

### Cases of Infectious Sickness in Hospitals.*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2 cases of small-pox, 2241 of scarlet fever, 937 of diphtheria, and 106 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 187 cases, against 232, 224, and 201; of diphtheria, 113 cases, against 128, 119, and 86; and of enteric fever, 18 cases, against 15, 23, and 20.

### Greater London.

In Greater London 3494 births and 2749 deaths were registered, corresponding to annual rates of 28·4 and 22·4 per 1000 of the estimated population. In the Outer Ring 6 deaths from measles, 2 from scarlet fever, 13 from diphtheria, 10 from whooping-cough, 7 from "fever," and 197 from diarrhœal diseases (including cholera) were registered. Seven deaths from diphtheria, 5 from "fever," and 57 from diarrhœal diseases occurred in West Ham district; 3 deaths from diphtheria and 38 from diarrhœal diseases occurred in Edmonton district.

### Meteorology.

The mean reading of the Barometer last week at Greenwich was 29·88 inches, and that of the Thermometer 69°·5, the latter being 7°·7 above the week's average in the 50 years 1841–90. The direction of the wind was variable, the horizontal movement of the air being 1 per cent. above the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 61 hours; the measured rainfall amounted to 0·03 of an inch.

* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Registered during the Week ending 20th August 1898. Births. | Deaths. | The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Annual Rate per 1000, corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6–12. | Temperature of the Air. Highest. Fahrenheit. | Lowest. Fahrenheit. | Mean. Fahrenheit. | Mean. Centigrade. | Rainfall. In Inches. | In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18 | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| 33 Towns - | **11,218,378** | **6510** | **4727** | **2121** | **792** | **-** | **57** | **30** | **53** | **74** | **42** | **994** | **158** | **313** | **825** | **45** | **22·0** | **5·8** | **87·9** | **49·2** | **64·1** | **17·83** | **0·31** | **0·79** | 33 Towns. |
| London - - | 4,504,766 | 2489 | 2019 | 915 | 355 | - | 18 | 17 | 26 | 32 | 14 | 433 | 67 | 139 | 500 | 10 | 23·4 | 6·3 | 87·9 | 55·8 | 69·5 | 20·83 | 0·03 | 0·08 | London. |
| West Ham - - | 286,654 | 162 | 112 | 56 | 15 | - | 1 | - | 4 | 2 | 4 | 21 | - | 1 | 14 | 1 | 20·4 | 5·8 | - | - | - | - | - | - | West Ham. |
| Croydon - - | 124,421 | 55 | 43 | 23 | 8 | - | - | - | - | 1 | - | 16 | 1 | 5 | 1 | - | 18·0 | 7·1 | 85·0 | 55·5 | 68·3 | 20·17 | 0·05 | 0·13 | Croydon. |
| Brighton - - | 122,310 | 56 | 39 | 13 | 10 | - | - | - | 2 | - | - | 7 | 1 | 2 | 10 | - | 16·6 | 3·8 | - | - | - | - | - | - | Brighton. |
| Portsmouth - | 186,618 | 112 | 77 | 29 | 6 | - | 4 | 1 | - | 1 | 1 | 9 | 4 | 8 | 11 | - | 21·5 | 4·5 | - | - | - | - | - | - | Portsmouth. |
| Plymouth - - | 99,136 | 52 | 31 | 10 | 4 | - | 4 | - | 1 | 1 | - | 4 | 1 | 2 | 2 | - | 16·3 | 5·3 | - | - | - | - | - | - | Plymouth. |
| Bristol - - | 316,900 | 153 | 105 | 38 | 26 | - | - | - | 1 | 3 | 1 | 19 | 5 | 12 | 9 | 1 | 17·3 | 3·9 | 78·0 | 52·0 | 63·2 | 17·33 | 0·76 | 1·93 | Bristol. |
| Cardiff - - | 177,770 | 105 | 59 | 23 | 9 | - | - | - | 2 | - | - | 9 | 2 | 6 | 11 | - | 17·3 | 3·2 | - | - | - | - | - | - | Cardiff. |
| Swansea - - | 102,001 | 52 | 27 | 10 | 5 | - | - | - | 2 | 2 | - | 2 | 1 | 1 | 2 | - | 13·8 | 3·1 | - | - | - | - | - | - | Swansea. |
| Wolverhampton | 88,051 | 64 | 41 | 25 | 6 | - | - | - | 1 | - | - | 10 | 1 | 1 | 8 | 2 | 24·3 | 6·5 | 76·6 | 49·2 | 62·7 | 17·06 | 1·06 | 2·69 | Wolverhampton. |
| Birmingham - | 510,343 | 358 | 236 | 129 | 27 | - | 3 | - | 4 | 2 | 1 | 63 | 7 | 11 | 18 | 6 | 24·1 | 7·5 | - | - | - | - | - | - | Birmingham. |
| Norwich - - | 111,699 | 55 | 31 | 13 | 12 | - | 1 | - | - | - | - | 7 | - | 1 | 1 | - | 14·5 | 3·7 | - | - | - | - | - | - | Norwich. |
| Leicester - - | 208,662 | 115 | 71 | 38 | 9 | - | - | 1 | - | - | - | 27 | 4 | 7 | 7 | 1 | 17·7 | 7·0 | - | - | - | - | - | - | Leicester. |
| Nottingham - | 236,137 | 155 | 67 | 25 | 12 | - | 3 | - | - | 1 | - | 10 | - | 3 | 9 | 1 | 14·8 | 3·1 | 79·0 | 53·0 | 63·5 | 17·50 | 0·28 | 0·71 | Nottingham. |
| Derby - - - | 104,834 | 63 | 39 | 15 | 6 | - | 1 | - | - | - | 1 | 4 | 2 | 3 | 7 | - | 19·4 | 3·0 | - | - | - | - | - | - | Derby. |
| Birkenhead - | 113,189 | 71 | 39 | 18 | 8 | - | - | - | - | - | 2 | 6 | 1 | 2 | 2 | - | 18·0 | 3·7 | - | - | - | - | - | - | Birkenhead. |
| Liverpool - - | 633,645 | 396 | 378 | 166 | 46 | - | 6 | 2 | 2 | 4 | 6 | 86 | 11 | 17 | 78 | 12 | 31·1 | 8·7 | 71·2 | 52·3 | 61·2 | 16·22 | 0·25 | 0·63 | Liverpool. |
| Bolton - - | 122,495 | 76 | 53 | 22 | 13 | - | - | 1 | - | - | - | 6 | 1 | 2 | 5 | - | 22·6 | 3·0 | - | - | - | - | - | - | Bolton. |
| Manchester - | 539,079 | 358 | 234 | 89 | 42 | - | 7 | 1 | - | - | 1 | 37 | 6 | 17 | 39 | - | 22·6 | 4·4 | - | - | - | - | - | - | Manchester. |
| Salford - - | 215,702 | 127 | 99 | 46 | 11 | - | 3 | - | 1 | 4 | 1 | 23 | 5 | 6 | 13 | - | 23·9 | 7·7 | - | - | - | - | - | - | Salford. |
| Oldham - - | 148,288 | 72 | 36 | 10 | 5 | - | - | 2 | 1 | - | - | 2 | - | 2 | 2 | - | 12·7 | 1·8 | - | - | - | - | - | - | Oldham. |
| Burnley - - | 109,546 | 48 | 26 | 9 | 6 | - | - | - | - | - | - | 2 | - | - | 1 | 1 | 12·4 | 1·0 | - | - | - | - | - | - | Burnley. |
| Blackburn - - | 133,228 | 75 | 53 | 22 | 6 | - | - | - | 2 | 1 | - | 12 | 2 | 5 | 1 | 3 | 20·7 | 5·9 | - | - | - | - | - | - | Blackburn. |
| Preston - - | 116,356 | 79 | 59 | 37 | 8 | - | - | 1 | - | 4 | 1 | 14 | 1 | 1 | 4 | - | 26·4 | 9·0 | - | - | - | - | - | - | Preston. |
| Huddersfield - | 102,454 | 44 | 27 | 7 | 6 | - | - | - | - | - | - | 2 | 4 | 5 | 3 | 1 | 13·7 | 1·0 | - | - | - | - | - | - | Huddersfield. |
| Halifax - - | 96,729 | 38 | 16 | 1 | 9 | - | - | - | - | - | - | - | 1 | 3 | 2 | - | 8·6 | - | - | - | - | - | - | - | Halifax. |
| Bradford - - | 233,737 | 111 | 73 | 24 | 12 | - | 2 | 1 | - | 3 | - | 12 | 4 | 5 | 9 | 1 | 16·3 | 4·0 | 80·0 | 52·6 | 64·8 | 18·22 | 0·03 | 0·08 | Bradford. |
| Leeds - - - | 416,618 | 260 | 197 | 97 | 41 | - | 2 | 1 | 3 | 3 | - | 50 | 7 | 16 | 15 | - | 24·7 | 7·4 | - | - | - | - | - | - | Leeds. |
| Sheffield - - | 356,478 | 249 | 184 | 95 | 31 | - | - | 1 | 1 | 3 | 2 | 56 | 3 | 3 | 14 | 3 | 26·9 | 9·2 | - | - | - | - | - | - | Sheffield. |
| Hull - - - | 229,887 | 148 | 85 | 42 | 16 | - | - | 1 | - | 1 | 3 | 27 | 6 | 9 | 10 | 2 | 19·3 | 7·3 | 77·0 | 53·0 | 59·8 | 15·44 | 0·05 | 0·13 | Hull. |
| Sunderland - | 143,849 | 84 | 61 | 26 | 7 | - | 1 | - | - | 1 | 2 | 11 | 2 | 3 | 6 | - | 22·1 | 5·4 | - | - | - | - | - | - | Sunderland. |
| Gateshead - - | 103,775 | 75 | 32 | 13 | 6 | - | - | - | - | 1 | - | 1 | 3 | 5 | - | - | 16·1 | 1·0 | - | - | - | - | - | - | Gateshead. |
| Newcastle - - | 223,021 | 153 | 78 | 35 | 9 | - | 1 | - | - | 4 | 2 | 6 | 5 | 10 | 11 | - | 18·2 | 3·0 | - | - | - | - | - | - | Newcastle. |

See note * on first page of this return.

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the THIRTY-THIRD Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2604 | 2715 | 2527 | 2330 | 2486 | 2560 | 2665 | 2646 | 2624 | 2662 | 2716·9 | 2489 |
| Males - - | 1333 | 1392 | 1239 | 1163 | 1291 | 1329 | 1356 | 1340 | 1324 | 1334 | 1378·6 | 1280 |
| Females - | 1271 | 1323 | 1288 | 1167 | 1195 | 1231 | 1309 | 1306 | 1300 | 1328 | 1338·3 | 1209 |
| TOTAL **Deaths** - | 1330 | 1382 | 1751 | 1445 | 1407 | 1855 | 1428 | 1459 | 1666 | 2074 | 1662·3 | 2019 |
| Males - - | 721 | 711 | 954 | 769 | 697 | 935 | 741 | 770 | 880 | 1088 | 869·8 | 1025 |
| Females - - | 609 | 671 | 797 | 676 | 710 | 920 | 687 | 689 | 786 | 986 | 792·5 | 994 |

The numbers in this column are the average weekly numbers in the thirty-third week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | May 28. | June 4. | June 11. | June 18. | June 25. | July 2. | July 9. | July 16. | July 23. | July 30. | Aug 6. | Aug. 13. | Aug. 20. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** - - - | 2569 | 2199 | 2646 | 2532 | 2385 | 2475 | 2502 | 2502 | 2505 | 2696 | 2335 | 2807 | 2489 |
| TOTAL **Deaths** - - - | 1385 | 1392 | 1411 | 1193 | 1257 | 1256 | 1232 | 1214 | 1330 | 1452 | 1586 | 1772 | 2019 |
| Ages at Death: Under 1 year - - | 339 | 259 | 294 | 276 | 306 | 305 | 301 | 305 | 385 | 493 | 592 | 800 | 915 |
| 1—5 years - - | 202 | 225 | 200 | 155 | 167 | 173 | 142 | 157 | 152 | 175 | 198 | 212 | 233 |
| 5—20 " - - | 83 | 94 | 83 | 68 | 74 | 86 | 63 | 78 | 79 | 71 | 85 | 72 | 61 |
| 20—40 " - - | 167 | 173 | 192 | 170 | 187 | 181 | 171 | 179 | 152 | 181 | 158 | 151 | 172 |
| 40—60 " - - | 246 | 281 | 288 | 259 | 244 | 248 | 281 | 220 | 249 | 248 | 262 | 235 | 283 |
| 60—80 " - - | 293 | 294 | 302 | 225 | 228 | 227 | 223 | 220 | 254 | 226 | 238 | 255 | 295 |
| 80 year and upwards | 55 | 66 | 52 | 40 | 51 | 36 | 51 | 55 | 59 | 58 | 53 | 47 | 60 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox - - - - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Measles - - - - | 74 | 68 | 74 | 50 | 43 | 48 | 28 | 23 | 22 | 23 | 14 | 31 | 18 |
| Scarlet Fever - - - | 6 | 17 | 10 | 10 | 8 | 12 | 8 | 8 | 8 | 7 | 8 | 10 | 17 |
| Diphtheria - - - - | 27 | 30 | 23 | 26 | 21 | 29 | 27 | 39 | 29 | 21 | 30 | 27 | 26 |
| Whooping-cough - - - | 59 | 45 | 51 | 44 | 39 | 42 | 41 | 40 | 38 | 30 | 29 | 34 | 32 |
| Typhus - - - - - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Enteric Fever - - - | 6 | 3 | 4 | 4 | 4 | 10 | 7 | 4 | 8 | 7 | 10 | 2 | 13 |
| Simple Continued Fever - | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 |
| Diarrhœa and Dysentery .. | 10 | 17 | 22 | 12 | 17 | 22 | 25 | 52 | 69 | 138 | 227 | 328 | 433 |
| Cholera - - - - - | - | - | - | - | - | - | - | 3 | 2 | 8 | 13 | 15 | 14 |
| All the above Diseases - | 182 | 180 | 184 | 146 | 132 | 163 | 136 | 169 | 176 | 234 | 331 | 448 | 554 |
| Dis. of Respiratory System - | 216 | 226 | 212 | 185 | 171 | 162 | 160 | 175 | 148 | 173 | 174 | 171 | 196 |
| Phthisis - - - - - | 134 | 126 | 156 | 134 | 140 | 149 | 150 | 126 | 148 | 133 | 124 | 139 | 115 |
| Dis. of Circulatory System - | 120 | 141 | 124 | 87 | 92 | 111 | 107 | 91 | 119 | 116 | 122 | 127 | 112 |
| Violence - - - - | 63 | 77 | 88 | 53 | 71 | 56 | 56 | 55 | 64 | 80 | 73 | 61 | 67 |
| Inquest Cases - - - - | 154 | 150 | 166 | 106 | 112 | 126 | 112 | 119 | 127 | 164 | 139 | 131 | 139 |
| Deaths in Public Institutions - | 438 | 451 | 430 | 395 | 418 | 397 | 404 | 367 | 434 | 446 | 413 | 428 | 500 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean - - - - - | 54°·7 | 51°·9 | 60°·2 | 55°·2 | 60°·5 | 59°·3 | 60°·0 | 61°·9 | 62°·8 | 61°·0 | 63°·8 | 61°·9 | 69°·5 |
| Mean of Highest readings - | 64·8 | 61·2 | 70·6 | 63·5 | 70·5 | 69·3 | 70·1 | 73·4 | 74·2 | 70·4 | 75·9 | 72·2 | 82·1 |
| Mean of Lowest readings - | 46·7 | 44·6 | 50·8 | 48·3 | 53·1 | 51·6 | 52·0 | 50·9 | 54·2 | 54·1 | 52·7 | 53·6 | 59·3 |
| Humidity of the Air - - | 76 | 76 | 78 | 76 | 74 | 75 | 71 | 68 | 74 | 76 | 69 | 76 | 69 |
| Rain-fall (in inches) - - | 0·40 | 0·61 | 0·32 | 0·01 | 0·47 | 0·84 | 0·00 | 0·02 | 0·45 | 0·72 | 0·06 | 0·56 | 0·03 |
| Registered Sunshine (in hours) | 37·0 | 26·4 | 41·1 | 32·3 | 39·3 | 45·6 | 40·4 | 52·0 | 36·1 | 25·6 | 58·4 | 35·6 | 61·0 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox - - - - - | - | 1 | 1 | 1 | - | - | - | - | - | - | 1 | 1 | 2 |
| Scarlet Fever - - - - | 2195 | 2207 | 2169 | 2194 | 2238 | 2205 | 2250 | 2314 | 2355 | 2321 | 2326 | 2293 | 2241 |
| Diphtheria - - - - | 923 | 973 | 1001 | 1018 | 999 | 976 | 1013 | 1033 | 1034 | 1022 | 1024 | 953 | 937 |
| Enteric Fever - - - - | 54 | 55 | 44 | 47 | 52 | 53 | 62 | 68 | 85 | 87 | 97 | 106 | 106 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton: A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley Wolverhampton; Arthur Brown. Esq., M.Inst. C.E., and J. Boobbyer Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst.C.E., Bradford; and Mr. E. Peak, Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-THIRD Week of the Year 1898.

| CAUSES OF DEATH. | Corrected Averages for the 33rd Week of the 10 years 1888–97*. | In the Week ending Saturday, 20th August 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0–1. | 1–5. | 5–20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| CAUSES - - - | 1662·3 | 2019 | 915 | 233 | 61 | 172 | 283 | 295 | 60 |
| all-pox { Vaccinated† - | - | - | - | - | - | - | - | - | - |
| { Unvaccinated | 0·1 | - | - | - | - | - | - | - | - |
| { No Statement | 0·7 | - | - | - | - | - | - | - | - |
| sles - - - - | 43·0 | 18 | 8 | 9 | 1 | - | - | - | - |
| let Fever - - - | 24·0 | 17 | - | 12 | 5 | - | - | - | - |
| nus - - - - | 0·3 | - | - | - | - | - | - | - | - |
| psing Fever - - | - | - | - | - | - | - | - | - | - |
| uenza - - - - | 3·6 | 3 | - | - | - | - | 1 | 2 | - |
| oping-cough - - | 30·7 | 32 | 17 | 15 | - | - | - | - | - |
| itheria - - | 40·3 | 26 | 3 | 18 | 5 | - | - | - | - |
| ple Continued and -defined Fever - | 0·3 | 1 | - | - | - | - | - | - | 1 |
| eric Fever - - - | 12·7 | 13 | - | 2 | 3 | 4 | 3 | 1 | - |
| lera and Chol. Diarr. | 7·7 | 14 | 7 | 4 | - | - | 2 | 1 | - |
| rhœa, Dysentery - | 220·2 | 433 | 368 | 55 | - | 1 | - | 8 | 1 |
| ittent Fever - - | 0·1 | - | - | - | - | - | - | - | - |
| rophobia - - - | - | - | - | - | - | - | - | - | - |
| nders - - - - | 0·1 | - | - | - | - | - | - | - | - |
| pox and Effects of cination - - | 0·3 | - | - | - | - | - | - | - | - |
| ereal Affections - - | 12·5 | 6 | 2 | - | - | 2 | 2 | - | - |
| sipelas - - - | 5·2 | 1 | - | - | - | - | - | 1 | - |
| mia and Septicæmia | 2·6 | 1 | - | - | - | - | 1 | - | - |
| rperal Fever - - | 5·9 | - | - | - | - | - | - | - | - |
| er Zymotic Diseases | 0·7 | 2 | 1 | - | - | - | 1 | - | - |
| ush - - - - | 2·0 | 1 | 1 | - | - | - | - | - | - |
| rms and other Parasitical Diseases - | 0·5 | 1 | - | - | - | - | - | 1 | - |
| rvation, Want of reast-milk - - | 2·0 | - | - | - | - | - | - | - | - |
| oholism - - - | 10·5 | 11 | - | - | - | 2 | 8 | 1 | - |
| umatic Fever, heumatism of Heart | 7·2 | 17 | - | 1 | 5 | 8 | 3 | - | - |
| umatism - - - | 2·1 | 6 | - | - | - | 1 | - | 4 | 1 |
| nt - - - - - | 2·3 | 2 | - | - | - | - | - | 2 | - |
| kets - - - - | 6·1 | 7 | 3 | 4 | - | - | - | - | - |
| ncer - - - - | 67·2 | 116 | - | - | - | 11 | 51 | 49 | 5 |
| es Mesenterica - - | 37·0 | 26 | 17 | 4 | 4 | 1 | - | - | - |
| pecular Meningitis - | 27·0 | 35 | 17 | 18 | - | - | - | - | - |
| thisis - - - - | 141·5 | 115 | - | 2 | 2 | 47 | 47 | 17 | - |
| ofula, Tuberculosis - | 21·2 | 22 | 9 | 5 | 5 | 3 | - | - | - |
| ner Constitutional Diseases - - | 10·0 | 22 | 1 | 2 | 1 | 2 | 10 | 5 | 1 |
| emature Birth - - | 49·1 | 47 | 47 | - | - | - | - | - | - |
| electasis - - - | 3·9 | 2 | 2 | - | - | - | - | - | - |
| ngenital Malformations - - - | 6·7 | 11 | 10 | - | - | - | 1 | - | - |
| d Age - - - - | 43·1 | 44 | - | - | - | - | - | 27 | 17 |
| oplexy - - - | 37·8 | 26 | - | - | - | 2 | 5 | 13 | 6 |
| ilepsy - - - - | 8·1 | 12 | 1 | - | 1 | 2 | 3 | 5 | - |
| nvulsions - - - | 46·6 | 60 | 56 | 4 | - | - | - | - | - |
| her Diseases of Brain and Nervous System | 80·7 | 92 | 20 | 4 | 2 | 15 | 27 | 20 | 4 |
| seases of Organs of Special Sense - | 2·6 | 7 | - | - | 2 | 3 | - | 2 | - |

| CAUSES OF DEATH | Corrected Averages for the 33rd Week of the 10 years 1888–97*. | In the Week ending Saturday, 20th August 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0–1. | 1–5. | 5–20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 115·2 | 112 | 3 | 2 | 5 | 20 | 35 | 44 | 3 |
| Croup - - - - | 3·2 | - | - | - | - | - | - | - | - |
| Bronchitis - - - | 77·8 | 90 | 39 | 6 | - | 2 | 10 | 22 | 11 |
| Pneumonia - - - | 64·4 | 89 | 29 | 26 | 1 | 9 | 14 | 8 | 2 |
| Pleurisy - - - - | 4·2 | 4 | 1 | - | - | 1 | 1 | 1 | - |
| Other Diseases of Respiratory System - | 15·9 | 13 | 2 | 1 | - | 1 | 2 | 6 | 1 |
| Dentition - - - - | 10·5 | 9 | 7 | 2 | - | - | - | - | - |
| Quinsy, Sore Throat - | 1·9 | 1 | - | 1 | - | - | - | - | - |
| Enteritis - - - - | 62·5 | 166 | 133 | 25 | 1 | - | 4 | 3 | - |
| Peritonitis - - - | 7·2 | 4 | - | - | 1 | 2 | 1 | - | - |
| Diseases of Liver - - | 30·3 | 23 | 4 | - | 1 | 2 | 8 | 8 | - |
| Other Diseases of Digestive System | 36·3 | 43 | 16 | 4 | 2 | 4 | 5 | 12 | - |
| Diseases of Lymphatic System & of Ductless Glands - - - | 2·7 | 1 | - | - | 1 | - | - | - | - |
| Diseases of Urinary System - - - | 40·2 | 46 | - | - | 4 | 9 | 19 | 13 | 1 |
| Diseases of Generative System - - - | 6·4 | 6 | 1 | - | - | 3 | 1 | 1 | - |
| Accidents of Childbirth - | 4·7 | 5 | - | - | - | 5 | - | - | - |
| Diseases of Locomotive System - - - | 5·8 | 2 | - | - | 2 | - | - | - | - |
| Diseases of Integumentary System - - | 5·9 | 8 | 2 | - | - | - | - | 4 | 2 |
| VIOLENT DEATHS.‡ (ACCIDENT.) | | | | | | | | | |
| By Railways - - - | 54·3 | - | - | - | - | - | - | - | - |
| By Vehicles or Horses - | | 8 | - | 2 | 1 | 3 | 2 | - | - |
| In Ships, Boats, Docks, (exclusive of Drowning) - - - | | - | - | - | - | - | - | - | - |
| In Building Operations - | | - | - | - | - | - | - | - | - |
| In Conflagrations - - | | - | - | - | - | - | - | - | - |
| By Burns, Scalds, Explosions - - | | 5 | - | 2 | - | - | 2 | 1 | - |
| By Drowning - - - | | 4 | - | - | 1 | 1 | 2 | - | - |
| By Suffocation in Bed - | | 7 | 7 | - | - | - | - | - | - |
| By Poisons or Poisonous Vapours - - | | 3 | - | - | 1 | - | 2 | - | - |
| Other or not stated causes - - - - | | 28 | 6 | 1 | 2 | 5 | 5 | 6 | 3 |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - | 1·3 | 1 | - | - | - | 1 | - | - | - |
| Suicide - - - - | 9·6 | 11 | - | - | 1 | - | 3 | 6 | 1 |
| Execution - - - | 0·4 | - | - | - | - | - | - | - | - |
| OTHER CAUSES - - | 75·4 | 81 | 75 | 2 | 1 | - | 2 | 1 | - |

* The numbers in this column are the average weekly deaths for the ten years 1888–97, raised by 5·230 per cent. for increase population.

† Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered edical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the ause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

‡ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of ccident, murder manslaughter or suicide All such cases are classed under "accident.'

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 20th August, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2489 | 2019 | 915 | 355 | - | 18 | 17 | 26 | 32 | - | 13 | 1 | 433 | 67 | 139 | 509 |
| WEST DISTRICTS - - - | 778,251 | 369 | 373 | 132 | 59 | - | 1 | 1 | 6 | 3 | - | - | - | 72 | 7 | 19 | 88 |
| NORTH DISTRICTS - - - | 1,040,694 | 602 | 442 | 196 | 83 | - | 5 | 6 | 1 | 4 | - | 5 | 1 | 85 | 11 | 26 | 95 |
| CENTRAL DISTRICTS - - - | 233,635 | 119 | 107 | 48 | 12 | - | 2 | - | 1 | 2 | - | 1 | - | 19 | 2 | 5 | 42 |
| EAST DISTRICTS - - - | 716,334 | 491 | 407 | 200 | 64 | - | 5 | 1 | 5 | 5 | - | 3 | - | 101 | 11 | 44 | 121 |
| SOUTH DISTRICTS - - - | 1,642,796 | 938 | 740 | 339 | 132 | - | 5 | 9 | 13 | 18 | - | 4 | - | 156 | 36 | 45 | 134 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | — | - | 20 | - | 5 | - | - | - | - | - | - | - | - | - | - | - | 20 |
| WEST DISTRICTS. | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 51 | 35 | 22 | 5 | - | - | - | - | - | - | - | - | 13 | - | 1 | 4 |
| St. John Paddington *H* - - G. | 33,510 | 6 | 9 | 2 | 1 | - | 1 | - | - | - | - | - | - | 2 | 1 | 1 | 4 |
| Kensington Town *Ww* - - W. | 122,164 | 51 | 54 | 20 | 19 | - | - | - | 1 | - | - | - | - | 9 | - | 3 | 18 |
| Brompton *HH*- - - W & C. | 48,301 | 16 | 5 | 1 | 3 | - | - | - | - | - | - | - | - | - | - | - | 1 |
| St. Peter Hammersmith - - W. | 9,097 | 10 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Paul Hammersmith *HH* W & G. | 35,102 | 36 | 31 | 17 | 2 | - | - | - | - | 1 | - | - | - | 14 | 2 | 2 | 1 |
| Fulham *Ww* - - - W. & C. | 113,781 | 97 | 67 | 37 | 8 | - | - | 1 | 3 | 1 | - | - | - | 18 | 1 | 6 | 20 |
| Chelsea Kensal Town - C. | 21,450 | 7 | 5 | 2 | - | - | - | - | - | - | - | - | - | 2 | - | - | - |
| Chelsea North *WHHHHH* - C. | 42,057 | 21 | 30 | 9 | 8 | - | - | - | 1 | 1 | - | - | - | 4 | - | 2 | 14 |
| Chelsea South *HH* - - C. | 33,139 | 20 | 10 | 5 | 1 | - | - | - | - | - | - | - | - | 3 | 1 | 1 | 2 |
| May Fair *W* - - - - G. | 23,827 | 2 | 8 | 2 | 4 | - | - | - | - | - | - | - | - | - | 1 | 2 | 6 |
| Belgrave *WHHH* - - - C. | 56,140 | 22 | 27 | 8 | 4 | - | - | - | 1 | - | - | - | - | 2 | 1 | 1 | 12 |
| St. John Westminster *HH* - C. | 31,492 | 14 | 10 | 5 | 2 | - | - | - | - | - | - | - | - | 3 | - | - | - |
| St. Margaret Westminster *H*- C. | 22,097 | 6 | 9 | 1 | 1 | - | - | - | - | - | - | - | - | 1 | - | - | 5 |
| St. James Westminster *WHH* N. & G. | 23,050 | 8 | 2 | 1 | 1 | - | - | - | - | - | - | - | - | 1 | - | - | 1 |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 2 | - | - | - | - | - | - | - | - | - | - | - | .. | - | - | - |
| NORTH DISTRICTS. | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - - W. | 36,595 | 10 | 8 | 2 | 1 | - | - | - | - | - | - | - | - | 1 | - | 2 | 1 |
| Rectory Marylebone *W* G. & W. | 19,798 | 3 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 33 | 6 | 2 | 2 | - | - | - | - | - | - | - | - | 2 | - | - | - |
| Christchurch Marylebone *H* - W | 32,547 | 17 | 6 | 1 | 2 | - | 1 | - | - | - | - | - | - | - | 1 | 3 | - |
| St. John Marylebone *HHH* W. | 32,611 | 19 | 7 | 4 | - | - | - | - | - | - | - | - | - | 1 | - | - | - |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 30 | 25 | 6 | 5 | - | - | 5 | 1 | - | - | 1 | 1 | 1 | - | - | 11 |
| Regent's Park Pancras *HH* - W. | 37,341 | 18 | 21 | 12 | 3 | - | - | - | - | - | - | 1 | - | 5 | - | 2 | 1 |
| Tottenham-court *wHHHH* - N. & W. | 26,757 | 13 | 25 | 5 | 4 | - | - | - | - | - | - | - | - | 1 | 3 | 5 | 17 |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 18 | 9 | 6 | 1 | - | - | - | - | - | - | - | - | 2 | 1 | - | 1 |
| Somers Town *HH* - - - N. | 32,161 | 9 | 14 | 9 | 1 | - | - | - | - | - | - | - | - | 5 | - | 1 | 2 |
| Camden Town *WH* - - N. | 16,669 | 13 | 14 | 7 | 3 | - | - | - | - | - | - | - | - | 2 | - | - | 9 |
| Kentish Town *WW* - - N. | 98,410 | 51 | 41 | 21 | 8 | - | 1 | - | - | 1 | - | - | - | 5 | - | 2 | 13 |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 64 | 42 | 10 | 14 | - | 2 | - | - | - | - | - | - | 4 | 2 | 2 | 18 |
| Islington South-west H - N. | 107,365 | 69 | 38 | 20 | 6 | - | - | - | - | 1 | - | 1 | - | 7 | - | - | - |
| Islington South-east - - N. | 66,519 | 44 | 33 | 16 | 8 | - | - | - | - | - | - | - | - | 10 | 1 | 1 | - |
| Highbury *HH* - - - N. | 64,577 | 46 | 17 | 6 | 2 | - | - | - | - | 1 | - | 1 | - | 5 | - | 1 | - |
| Stoke Newington *H* - - N. | 33,485 | 17 | 20 | 9 | 5 | - | - | - | - | - | - | - | - | 9 | - | - | - |
| North Hackney - - E. & N. | 213,044 | 25 | 19 | 11 | 3 | - | - | - | - | 1 | - | - | - | 7 | 1 | 1 | - |
| Central Hackney *ww* - E. & N. | | 26 | 24 | 16 | 2 | - | - | 1 | - | - | - | 1 | - | 3 | 1 | 4 | 1 |
| South-west Hackney *HHH* E. & N. | | 42 | 33 | 19 | 6 | - | 1 | - | - | - | - | - | - | 5 | - | - | 7 |
| South-east Hackney *WwH* E. & N. | | 35 | 37 | 13 | 7 | - | - | - | - | - | - | - | - | 10 | 1 | 2 | 11 |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers are received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River E. London; and K. the Kent Company.

* See note † on first page of this Return.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday, 20th August, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Continued Simple Fever. | Diarrhœa. | Violence | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CENTRAL DISTRICTS. | | | | | | | | | | | | | | | | | | |
| St. George Bloomsbury - - N. | 16,110 | 3 | 4 | 1 | 1 | - | - | - | - | - | - | - | - | 1 | - | - | - | - |
| St. Giles South *WH* - - N. | 12,976 | 11 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - |
| St Giles North *H* - - - N. | 9,151 | 1 | 1 | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - |
| St. Martin-in-the-Fields *HH* N. & C. | 13,077 | 2 | 5 | 1 | 2 | - | - | - | - | - | - | 1 | - | - | - | - | 3 | - |
| Strand *WHH* - - - - N. | 11,839 | 3 | 5 | 2 | 2 | - | - | - | - | - | - | - | - | 1 | - | - | 3 | - |
| *Strand Union Workhouse, Edmonton* | †1,037 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Holborn *wHHHHHHH* - N. | 31,042 | 15 | 25 | 19 | - | - | - | - | 1 | - | - | - | - | - | - | - | 18 | - |
| St. James Clerkenwell - - N. | 15,777 | 12 | 8 | 4 | - | - | - | - | - | - | - | - | - | 4 | - | 1 | - | - |
| Amwell Clerkenwell - - N. | 34,356 | 16 | 10 | 3 | - | - | 1 | - | - | - | - | - | - | 3 | - | 1 | - | - |
| Goswell-street - - - - N. | 16,069 | 5 | 5 | 4 | - | - | - | - | - | - | - | - | - | 2 | 1 | 1 | - | - |
| City-road *HHHL* - - - N. | 29,897 | 34 | 18 | 7 | 4 | - | 1 | - | - | 1 | - | - | - | 6 | 1 | 1 | 3 | - |
| Whitecross-street - - - N. | 7,595 | 4 | 3 | 2 | 1 | - | - | - | - | - | - | - | - | 1 | - | - | - | - |
| Finsbury - - - - - N. | 4,035 | 2 | 2 | 2 | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - |
| *Holborn Union Workhouse, Mitcham* - - - - | †892 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Botolph *H* - - N. & E. | 6,870 | 4 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Cripplegate - - - - N. | 3,299 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Sepulchre *WH* - - - N. | 9,591 | 6 | 16 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | 14 | - |
| Allhallows Barking - - - N. | 9,059 | 1 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Broad Street *H* - - - N. | 2,892 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| *City of London Asylum, Stone* - - | †388 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| EAST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| Shoreditch South *Hl* - E. & N. | 17,975 | 9 | 9 | 6 | - | - | - | - | - | 2 | - | - | - | 4 | - | 1 | - | - |
| Hoxton New Town *w* - - N. | 29,575 | 11 | 9 | 2 | 3 | - | - | - | - | - | - | - | - | 2 | 1 | 1 | 4 | - |
| Hoxton Old Town - - - N. | 27,645 | 26 | 14 | 7 | 4 | - | - | - | - | - | - | - | - | 4 | - | 1 | - | - |
| Haggerston *WH* - - N. & E. | 47,163 | 36 | 38 | 19 | 6 | - | - | - | - | - | - | 1 | - | 11 | 1 | 2 | 15 | - |
| Bethnal Green North *H* - E. | 49,301 | 27 | 20 | 10 | 2 | - | 2 | - | 1 | - | - | - | - | 5 | 1 | 4 | - | - |
| Bethnal Green South - - E. | 34,194 | 28 | 14 | 7 | 1 | - | - | - | - | - | - | - | - | 3 | - | 3 | - | - |
| Bethnal Green East *WHl* - E. | 45,667 | 29 | 45 | 6 | 14 | - | - | - | - | - | - | - | - | 6 | - | 3 | 25 | - |
| Spitalfields - - - E. & N. | 26,681 | 26 | 4 | 3 | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - |
| Mile End New Town *W* - E. | 12,816 | 16 | 12 | 5 | 1 | - | - | - | - | - | - | - | - | 1 | - | 1 | 8 | - |
| Whitechapel Church *H* - E. & N. | 25,561 | 20 | 26 | 6 | 4 | - | - | - | 2 | - | - | 1 | - | 1 | 3 | 8 | 20 | - |
| Goodman's Fields - - - E. | 13,618 | 9 | 7 | 1 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. George's North - - - E. | 39,576 | 27 | 18 | 14 | - | - | 1 | - | - | - | - | - | - | 2 | - | 3 | - | - |
| St. John, St. George East *W* E. | 7,930 | 2 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | 4 | - |
| Shadwell *H* - - - E. & N. | 10,434 | 3 | 19 | 12 | 1 | - | - | - | - | - | - | - | - | 7 | 2 | 2 | 14 | - |
| Ratcliff *W* - - - - E. | 14,954 | 9 | 3 | 2 | - | - | - | - | - | - | - | - | - | 2 | - | 1 | - | - |
| Limehouse - - - - E. | 32,917 | 19 | 13 | 12 | - | - | - | - | - | 1 | - | - | - | 5 | - | 1 | - | - |
| Mile End Old Town West *H* E. | 111,060 | 39 | 17 | 10 | 2 | - | 2 | - | 2 | - | - | - | - | 5 | - | - | - | - |
| Mile End Old Town East *WWww* - E. | | 33 | 32 | 19 | 5 | - | - | - | - | - | - | - | - | 7 | 1 | 2 | 9 | - |
| Bow *l* - - - - E. | 41,687 | 20 | 19 | 11 | 3 | - | - | - | - | 1 | - | - | - | 3 | - | 1 | - | - |
| Bromley *wwwH* - - - E. | 69,821 | 45 | 61 | 32 | 14 | - | - | 1 | - | 1 | - | 1 | - | 24 | 2 | 6 | 21 | - |
| Poplar *WW* - - - - E. | 57,759 | 27 | 23 | 16 | 1 | - | - | - | - | - | - | - | - | 8 | - | 4 | 1 | - |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX MEASLES SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 20th August, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WHL*.&S. | 13,064 | 9 | 5 | 2 | – | – | – | – | – | – | – | – | – | 2 | – | – | – | – |
| St. Saviour Southwark - - S. | 12,301 | 7 | 4 | 3 | – | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| Kent-road - - - - S. & L. | 22,879 | 18 | 8 | 5 | – | – | – | – | – | – | – | 1 | – | 3 | – | – | – | 1 |
| Borough-road *WH* - S. & L. | 16,083 | 7 | 12 | 8 | – | – | – | – | – | – | – | – | – | 4 | – | 1 | 6 | – |
| London-road *HL* - - L. & S. | 21,316 | 10 | 11 | 4 | 2 | – | 1 | – | – | 1 | – | – | – | 1 | 1 | 1 | – | – |
| Trinity Newington - - S. & L. | 28,723 | 22 | 15 | 8 | 1 | – | – | – | – | 2 | – | – | – | 3 | – | 2 | – | – |
| St. Peter Walworth *W* - S. & L. | 62,045 | 30 | 24 | 11 | 3 | – | – | – | – | – | – | – | – | 8 | – | – | 1 | – |
| St. Mary Newington- - L. & S. | 30,171 | 25 | 6 | 3 | – | – | – | – | – | – | – | – | – | 2 | – | – | – | – |
| St. Olave *WH*- - - - S. | 11,731 | 1 | 15 | 3 | 2 | – | – | – | – | – | – | – | – | 2 | 3 | 3 | 14 | – |
| Leather Market *W* - S. & L. | 32,339 | 31 | 11 | 7 | – | – | 1 | – | – | 1 | – | – | – | 3 | – | – | – | – |
| St. James Bermondsey - - S. | 53,136 | 31 | 17 | 7 | 3 | – | – | – | – | – | – | 1 | – | 1 | – | – | – | – |
| Rotherhithe *WwH* - S. & K. | 40,379 | 26 | 20 | 6 | 5 | – | – | – | – | – | – | – | – | 1 | 2 | 2 | 6 | 1 |
| Waterloo-road *HH* - L. & S. | 28,396 | 22 | 13 | 8 | – | – | – | – | – | 1 | – | – | – | 3 | – | – | 3 | 1 |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 9 | 18 | 5 | 2 | – | – | – | 1 | – | – | – | – | 2 | 3 | 4 | 13 | – |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 25 | 27 | 9 | 8 | – | – | – | – | – | – | – | – | 6 | 1 | 1 | 13 | – |
| Kennington 1st *H* - - S. & L. | 52,486 | 29 | 21 | 14 | 3 | – | – | – | – | – | – | – | – | 7 | 1 | – | – | – |
| Kennington 2nd - - S. & L. | 43,244 | 14 | 13 | 4 | 3 | – | – | – | – | – | – | – | – | 3 | – | 3 | – | – |
| Brixton *w* - - - L. & S. | 81,825 | 48 | 29 | 10 | 4 | – | – | – | 2 | 1 | – | – | – | 2 | 4 | 2 | 1 | – |
| Norwood *WH*- - - - L. | 29,318 | 10 | 15 | 8 | 3 | – | – | – | – | – | – | – | – | 4 | 1 | 1 | – | 1 |
| East Battersea - - - - S. | 71,730 | 42 | 35 | 25 | 3 | – | – | – | – | – | – | – | – | 12 | 3 | 3 | – | – |
| West Battersea *WwH* - - S | 93,385 | 56 | 44 | 19 | 12 | – | – | – | 1 | 1 | – | – | – | 5 | 1 | 4 | 14 | – |
| Clapham *H* - - - - S. | 46,953 | 25 | 18 | 7 | 5 | – | – | – | – | – | – | – | – | 3 | – | 2 | 2 | – |
| Wandsworth *WHHL* - - S. | 58,101 | 27 | 26 | 12 | 5 | – | – | – | – | – | – | – | – | 5 | 2 | 2 | – | – |
| Putney - - - - - S. | 20,566 | 3 | 9 | 1 | 4 | – | – | – | – | – | – | 1 | – | – | – | – | – | – |
| Streatham *WwwL* - - L. | 61,644 | 44 | 20 | 11 | 1 | – | – | 1 | 2 | – | – | – | – | 4 | 1 | 1 | 3 | – |
| Dulwich - - - - L. & S. | 7,519 | 2 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | 1 | – | – | – |
| Camberwell *Wwll* - S. & L. | 90,286 | 43 | 51 | 18 | 15 | – | – | – | – | 1 | – | – | – | 11 | 1 | 1 | 24 | 1 |
| Peckham *WW* - S., L., & K | 88,242 | 57 | 36 | 17 | 7 | – | 1 | – | – | 1 | – | – | – | 10 | 3 | 3 | – | – |
| St. George Camberwell - L. & S. | 67,029 | 34 | 19 | 13 | 1 | – | – | – | – | – | – | – | – | 4 | – | – | – | – |
| Deptford North - - - K. | 36,152 | 27 | 17 | 4 | 5 | – | – | – | – | 1 | – | – | – | 3 | 1 | 1 | – | – |
| Deptford Central *w* - - K. | 45,441 | 21 | 21 | 9 | – | – | – | 3 | 2 | – | – | 1 | – | 6 | – | 1 | 7 | – |
| Deptford South - - - K. | 33,402 | 11 | 12 | 4 | 4 | – | – | – | – | – | – | – | – | 4 | – | – | – | 1 |
| Greenwich West *H* - - K. | 23,012 | 12 | 11 | 4 | 4 | – | – | – | 1 | – | – | – | – | 1 | 2 | 2 | – | – |
| Greenwich East *WH* - - K. | 37 767 | 22 | 30 | 16 | 5 | – | – | – | 1 | 4 | – | – | – | 6 | 1 | – | 8 | 2 |
| Eltham *wH* - - - - K. | 5,911 | 2 | 2 | 1 | 1 | – | – | – | – | – | – | – | – | 1 | – | – | – | – |
| Lee *H* - - - - - K. | 24,222 | 8 | 4 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | 1 |
| Lewisham *WwH* - - - K. | 38,139 | 25 | 31 | 17 | 3 | – | – | 4 | 3 | – | – | – | – | 11 | 1 | 1 | 11 | – |
| Sydenham *H* - - - - L. | 37,601 | 20 | 13 | 6 | 3 | – | – | – | – | 1 | – | – | – | 4 | 1 | 1 | – | – |
| Charlton *wHH* - - K. | 15,928 | 9 | 10 | 5 | 2 | – | 2 | 1 | – | – | – | – | – | 1 | – | – | 2 | – |
| Woolwich Dockyard - - K. | 19,355 | 18 | 5 | 2 | – | – | – | – | – | – | – | – | – | 1 | – | – | – | – |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 20 | 7 | 5 | 2 | – | – | – | – | 1 | – | – | – | 1 | – | – | – | – |
| Plumstead West *H* - - K. | 16,714 | 7 | 9 | 3 | 3 | – | – | – | – | 2 | – | – | – | – | – | – | – | – |
| Plumstead East *WH* - - K. | 42,538 | 34 | 25 | 12 | 7 | – | – | – | – | – | – | – | – | 6 | 2 | 2 | 6 | – |
| Banstead Asylum - - - - | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Caterham Asylum - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Cane Hill Asylum - - - - | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Hospital Ships and Camp, Dartford | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Darenth Asylum - - - - | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Hanwell Asylum - - - - | — | – | 4 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 4 | – |
| Colney Hatch Asylum - | — | – | 5 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 5 | – |
| N.E. Hospital - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Winchmore Hill Hospital - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Leavesden Asylum - - - - | — | – | 4 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 4 | – |
| Claybury Asylum - - - - | — | – | 4 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 4 | – |

BLE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 20th August, 1898.

| egis-tion trict nd ub-trict um-ers. | REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years & upwds. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LONDON—OUTER RING - | 368,749 | 1,422,063 | 1005 | 730 | 371 | 121 | – | 6 | 2 | 13 | 10 | 7 | 185 | 22 | 41 | 51 | 7 |
| 0 : 1 | Carshalton *wHH* - - | 12,228 | 26,108 | 10 | 8 | 3 | 4 | – | – | – | – | 1 | – | 1 | – | 1 | – | – |
| 2 | Epsom, *part of** *WwHH* - | 10,423 | 12,508 | 2 | 3 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 7 : 1 | Godstone, *part of** *W* - | 2,754 | 1,598 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 3 : 1 | Croydon *WwHHH* - - | 20,851 | 128,699 | 59 | 55 | 31 | 11 | – | – | – | – | 1 | – | 20 | 2 | 6 | 2 | – |
| 2 | Mitcham *w* - - - | 11,697 | 23,088 | 11 | 5 | 4 | – | – | – | – | – | – | – | 4 | – | – | – | – |
| 9 : 1 | Wimbledon *HHH* - - | 3,220 | 25,761 | 18 | 10 | 5 | 1 | – | – | – | – | – | – | 3 | – | – | – | – |
| 2 | Kingston *W* - - - | 8,071 | 33,566 | 22 | 15 | 6 | 4 | – | – | – | – | 1 | – | 1 | – | – | 1 | – |
| 3 | Surbiton *H-* - - - | | 11,199 | 5 | 4 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 4 | Esher, *part of** *HH* - - | 6,601 | 12,059 | 8 | 2 | 1 | – | – | – | – | – | – | – | 1 | – | – | – | – |
| 5 | Hampton *HL* - - - | 4,565 | 18,252 | 19 | 8 | 2 | 2 | – | – | – | 1 | – | – | – | – | 1 | – | – |
| 0 : 1 | Richmond *WH* - - - | 2,160 | 25,389 | 13 | 5 | 2 | 2 | – | – | – | – | – | – | 1 | 1 | 1 | 1 | – |
| 2 | Mortlake *H* - - - | 2,823 | 16,159 | 9 | 9 | 1 | 5 | – | – | – | – | – | – | – | 2 | 2 | – | – |
| 1 : 1 | Bromley *HHH* - - - | 9,127 | 23,815 | 16 | 8 | 3 | 1 | – | – | – | – | – | – | 3 | – | – | 1 | 1 |
| 2 | Beckenham *H* - - - | 6,542 | 21,969 | 10 | 8 | 1 | 3 | – | – | – | – | – | – | 1 | – | – | – | – |
| 3 | Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 15 | 6 | 3 | 3 | – | 1 | – | – | – | – | 1 | – | – | 2 | – |
| 2 : 1 | Bexley *HHH* - - - | 12,540 | 30,590 | 32 | 17 | 11 | 1 | – | 1 | – | – | – | 1 | 4 | 2 | 2 | – | – |
| 2 | Dartford *WH*, *part of** - | — | — | – | 2 | – | 1 | – | – | – | – | – | – | – | – | – | 2 | – |
| 4 : 1 | Sunbury *w* - - - | 11,054 | 13,671 | 12 | 2 | – | 2 | – | – | – | – | – | – | – | 1 | 1 | – | – |
| 2 | Staines *WH* - - - | 13,277 | 13,221 | 12 | 3 | 1 | – | – | 1 | – | – | – | – | 1 | – | – | – | – |
| 5 : 1 | Hillingdon *WHH* - - | 6,035 | 12,237 | 6 | 6 | 2 | 2 | – | – | – | 1 | 1 | – | 2 | – | – | 1 | – |
| 2 | Uxbridge - - - - | 12,757 | 7,253 | 2 | 3 | 1 | – | – | – | – | – | – | – | 1 | – | – | – | – |
| 3 | Hayes *wH* - - - - | 7,952 | 11,051 | 6 | 9 | 4 | 4 | – | – | – | – | – | – | 4 | – | – | – | – |
| 6 : 1 | Isleworth *WHH* - - | 6,967 | 26,004 | 18 | 24 | 13 | 5 | – | – | – | – | – | – | 5 | 1 | 1 | 6 | 1 |
| 2 | Twickenham *HH* - - | 2,415 | 16,027 | 3 | 7 | – | 3 | – | 1 | – | – | – | – | – | – | – | – | – |
| 3 | Brentford *HHHH* - - | 4,318 | 37,777 | 27 | 9 | 6 | 1 | – | – | – | – | – | – | 4 | – | – | – | – |
| 4 | Chiswick - - - - | 1,245 | 21,963 | 21 | 15 | 7 | 1 | – | – | – | – | 1 | 1 | 4 | – | – | – | – |
| 5 | Acton *wHH* - - - | 6,132 | 30,945 | 28 | 21 | 15 | 2 | – | – | – | – | – | – | 13 | – | – | – | 2 |
| 7 : 1 | Harrow *HHH* - - - | 13,809 | 15,715 | 7 | 6 | 4 | 1 | – | – | – | – | – | – | 2 | – | – | – | – |
| 2 | Edgware *HH* - - - | 6,994 | 3,844 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Willesden *HHH* - - | 4,383 | 61,265 | 59 | 35 | 20 | 6 | – | – | 1 | – | – | – | 7 | – | 1 | 1 | 2 |
| 4 | Hendon *WH* - - - | 8,382 | 15,843 | 10 | 10 | 1 | 2 | – | – | – | – | – | – | – | 3 | 3 | 3 | – |
| 8 : 1 | South Mimms *HH* - - | 21,077 | 6,367 | 7 | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| 2 | Barnet *WHH* - - - | | 14,152 | 6 | 3 | 2 | – | – | – | – | – | – | – | 1 | – | – | – | – |
| 3 | Finchley *HHH* - - - | 4,688 | 25,820 | 9 | 5 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 9 : 1 | Hornsey *HH* - - - | 3,039 | 61,097 | 46 | 20 | 9 | 5 | – | 1 | – | 2 | – | – | 3 | – | 1 | 1 | – |
| 2 | Tottenham *HH-* - - | 4,642 | 97,174 | 76 | 64 | 36 | 8 | – | – | – | 1 | 1 | – | 15 | 1 | 4 | – | – |
| 3 | Edmonton *Www* - - | 7,489 | 36,351 | 26 | 17 | 9 | 4 | – | – | – | – | – | – | 6 | – | – | 6 | – |
| 4 | Enfield *WWHH* - - | 12,602 | 31,536 | 15 | 18 | 11 | 1 | – | – | – | – | – | – | 7 | 1 | 1 | – | – |
| 5 | Waltham Abbey - - - | 11,017 | 6,066 | 2 | 5 | 1 | 1 | – | – | – | – | – | – | 1 | – | – | – | – |
| 6 | Cheshunt *H* - - - | 8,480 | 9,620 | 8 | 3 | 3 | – | – | – | – | – | – | – | 2 | – | – | – | – |
| 5 : 1 | Hatfield, *part of** *W* - - | 3,306 | 582 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 7 : 1 | Bushey *H* - - - - | 9,331 | 7,737 | 2 | 3 | – | 1 | – | – | – | – | – | – | – | – | – | 1 | – |
| 2 | Watford *WH*, *part of** - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 6 : 1 | Stratford *H* - - - | 4,706 | 38,612 | 24 | 26 | 12 | 2 | – | 1 | – | – | – | 2 | 5 | – | – | 3 | – |
| 2 | Plaistow *WHHH* - - | | 58,030 | 58 | 40 | 25 | 2 | – | – | – | 3 | 1 | – | 8 | – | – | 4 | 1 |
| 3 | Canning Town *H* - - | | 54,750 | 43 | 26 | 11 | 4 | – | – | – | 1 | – | 1 | 5 | – | 1 | – | – |
| 4 | Forest Gate *w* - - - | | 53,511 | 37 | 13 | 8 | 2 | – | – | – | – | 1 | 1 | 3 | – | – | – | – |
| 5 | East Ham *wH* - - - | 3,266 | 32,713 | 51 | 28 | 20 | 1 | – | – | – | – | – | 1 | 7 | – | – | – | – |
| 6 | Leyton *WWWwH* - - | 4,334 | 70,188 | 50 | 47 | 18 | 10 | – | – | – | 1 | 1 | – | 7 | 5 | 7 | 11 | – |
| 7 | Walthamstow *HHL* - - | 6,501 | 57,330 | 47 | 58 | 34 | 5 | – | – | – | 2 | 1 | – | 18 | 1 | 4 | – | – |
| 7 : 1 | Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 9 | 7 | 1 | 2 | – | – | – | – | – | – | 1 | – | – | 2 | – |
| 2 | Epping *WH*, *part of** - - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 9 : 1 | Romford, *part of** *WH* - | 6,556 | 4,324 | 2 | 5 | 3 | 1 | – | – | – | – | – | – | 4 | – | – | 1 | – |
| 2 | Ilford - - - - - | 8,493 | 10,913 | 12 | 15 | 9 | 2 | – | – | – | 1 | – | – | 4 | 1 | 3 | – | – |
| 3 | Barking Town, *H* - - | 3,814 | 14,301 | 10 | 8 | 7 | – | – | – | – | – | – | – | 5 | – | – | – | – |
| – | London Fever Hosp. - - | — | — | – | 1 | – | – | – | – | 1 | – | – | – | – | – | – | 1 | – |
| | Middlesex Co. Lunatic Asy., Wandsworth. | — | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring re as follows:—30 : 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37 : 1, the parishes of Warlingham nd Farley in Godstone sub-district; 39 : 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41 : 3, Chislehurst ub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135 : 1, the parish of Northaw in atfield sub-district; 187 : 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping op. 1,079); 189 : 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for nfectious Diseases belonging to the Outer Ring in 42 : 2, Dartford; 137 : 2, Watford; and 187 : 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 20th August, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | ANNUAL RATE of MORTALITY per 1000 living. From All Causes. | From Diseases in Cols. 8-14. | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Deaths in Public |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. | 1 |
| GREATER LONDON | **443,421** | **6,408,321** | **22·4** | **6·2** | **2749** | **1286** | **476** | **–** | **24** | **19** | **39** | **42** | **21** | **618** | **89** | **55** |
| INNER LONDON - | 74,672 | 4,504,766 | 23·4 | 6·3 | 2019 | 915 | 355 | – | 18 | 17 | 26 | 32 | 14 | 433 | 67 | 5 |
| OUTER RING - | 368,749 | 1,903,555 | 20·0 | 6·1 | 730 | 371 | 121 | – | 6 | 2 | 13 | 10 | 7 | 185 | 22 | |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent t the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

| CITIES | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. (Exclusive of Stillborn) | DEATHS. (Exclusive of Stillborn) | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM PRINCIPAL ZYMOTI DISEASES. Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 295,628 | August 20 | 160 | 78 | 13·8 | – | – | – | – | – | 1 | |
| GLASGOW - - | 724,349 | „ 20 | 456 | 261 | 18·8 | – | 1 | 5 | 1 | 15 | 7 | 3 |
| DUBLIN - - | 349,594 | „ 20 | 151 | 146 | 21·8 | – | 1 | 1 | – | 1 | 3 | 2 |
| CALCUTTA - - | 466,460 | July 16 | – | 203 | 22·6 | 1 | – | – | – | – | 63† | 3 |
| BOMBAY - - | 821,764 | August 2 | 171 | 587 | 37·1 | – | 2 | ? | ? | ? | 112† | 7 |
| MADRAS - - | 452,518 | „ 29 | – | – | – | – | – | – | – | – | – | – |
| PARIS - - - | 2,511,629 | „ 13 | 1110 | 840 | 17·3 | – | 17 | 2 | 2* | 17 | 3 | 12 |
| BRUSSELS - - | 531,024 | „ 13 | 230 | 186 | 17·6 | – | 1 | 2 | 1* | – | 1 | 3 |
| AMSTERDAM - | 508,266 | „ 6 | 222 | 161 | 16·8 | – | 2 | 1 | 1 | 3 | 1 | – |
| ROTTERDAM - | 301,816 | „ 6 | 226 | 89 | 15·1 | – | 1 | – | 1 | 2 | – | – |
| THE HAGUE - | 196,325 | „ 6 | 101 | 60 | 15·9 | – | 1 | – | 1 | 2 | 1 | – |
| COPENHAGEN - | 340,500 | „ 13 | 242 | 95 | 14·6 | – | – | – | – | 5 | 1 | |
| STOCKHOLM - | 274,611 | „ 6 | 125 | 79 | 14·5 | – | 1 | – | 1* | 2 | 1 | |
| CHRISTIANIA - | 192,141 | „ 13 | 127 | 57 | 14·6 | – | 2 | 1 | 1 | 1 | – | |
| ST. PETERSBURG | 954,400 | „ 6 | 670 | 500 | 27·3 | 1 | 10 | 9 | 16 | 4 | 21 | 9 |
| MOSCOW - - | 988,610 | „ 6 | – | 612 | 32·3 | 1 | 7 | 2 | 6 | 3 | 10 | 22 |
| BERLIN - - | 1,753,775 | July 30 | 929 | 474 | 13·9 | – | 9 | 2 | 4 | 6 | 3 | 6 |
| HAMBURG - - | 661,015 | August 13 | – | 210 | 16·5 | – | 5 | 1 | 3* | 3 | 1 | 3 |
| DRESDEN - - | 377,500 | July 2 | – | 136 | 18·6 | – | 1 | – | 3* | – | – | 1 |
| BRESLAU - - | 392,795 | August 13 | – | 217 | 28·8 | – | – | 2 | 2* | 6 | – | 4 |
| MUNICH - - | 430,000 | „ 13 | – | 213 | 25·8 | – | 1 | – | 7* | 3 | – | 5 |
| VIENNA - - | 1,574,129 | „ 13 | 859 | 561 | 18·3 | – | 6 | 2 | 7* | 5 | – | 12 |
| PRAGUE - - | 377,109 | „ 6 | 188 | 156 | 21·2 | 1 | 4 | – | – | – | 3 | |
| BUDA-PESTH - | 648,104 | „ 6 | 427 | 289 | 21·9 | – | 4 | 5 | 2 | – | – | 4 |
| TRIESTE - - | 164,491 | „ 6 | 102 | 105 | 33·1 | – | – | 1 | – | 1 | – | 3 |
| ROME - - - | 489,965 | July 9 | 146 | 184 | 19·6 | – | 1 | 1 | – | – | 3§ | 3 |
| TURIN (10 days) | 344,203 | „ 10 | 204 | 198 | 30·0 | – | 7 | – | 1 | 2 | 3 | 2 |
| VENICE - - | 167,074 | „ 30 | 71 | 57 | 17·8 | – | – | – | – | 2 | 2 | 1 |
| CAIRO - - | 570,062 | June 10 | – | – | – | – | – | – | – | – | – | – |
| ALEXANDRIA - | 319,766 | „ 10 | – | – | – | – | – | – | – | – | – | – |
| NEW YORK (including BROOKLYN) | 3,438,899 | July 30 | 1614 | 1469 | 22·3 | – | 8 | 15 | 16 | 32 | 8 | 34 |
| PHILADELPHIA - | 1,240,266 | „ 30 | – | – | – | – | – | – | – | – | – | – |

* Including deaths from croup.
† Including 12 deaths from bubonic fever in Calcutta and 62 in Bombay.
‡ Including 6 deaths from cholera in Calcutta and 1 in Bombay.
§ Including 1 death from malarial fever.

| 1898. Month and Day. | | Phases of the Moon. | Barometer. Mean daily reading (corrected and reduced to 32° Fahrenheit). | Temperature. Of the Air. High-est. | Low-est | Daily Range. | Mean daily value. | Departure from Average of 50 years. | Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Great-est. | Least. | Degree of Humidity (Saturation equals 100). | Temperature. Of Radiation. Highest in Sun's Rays. | Lowest on the Grass. | Of the Earth 3 feet below the Surface. | Wind as deduced from Anemometers. Osler's. General Direction. A.M. | P.M. | Pressure on the Square Foot. Great-est. | Least. | Mean of 24 hourly obs. | Robinson's. Horizontal Movement of the Air on each Day. | Departure from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| August | | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| Sunday - | 14 | .. | 29·837 | 87·9 | 60·2 | 27·7 | 72·5 | +10·2 | 60·2 | 12·3 | 23·8 | 0·2 | 65 | 141·3 | 58·0 | 61·87 | SSW., SW. & WSW. | WSW. & N. | 0·5 | 0·0 | 0·0 | 140 | − 101 | 0·00 | 0·0 |
| Monday - | 15 | .. | 29·817 | 86·0 | 64·3 | 21·7 | 74·1 | +12·0 | 60·6 | 13·5 | 22·9 | 3·6 | 63 | 137·0 | 60·8 | 62·57 | N., NE. & ENE. | ENE., E. & NE. | 1·0 | 0·0 | 0·1 | 203 | − 35 | 0·00 | 0·0 |
| Tuesday - | 16 | .. | 29·774 | 82·1 | 61·2 | 20·9 | 69·8 | + 7·8 | 61·7 | 8·1 | 18·7 | 2·1 | 76 | 134·7 | 58·5 | 63·20 | NE. & E. | E., N. & NNE. | 3·4 | 0·0 | 0·3 | 265 | + 31 | 0·02 | 1·0 |
| Wednesday | 17 | New | 29·950 | 77·0 | 57·8 | 19·2 | 65·3 | + 3·5 | 57·3 | 8·0 | 17·7 | 1·7 | 75 | 129·0 | 53·8 | 63·70 | N. & NNE. | NNE., ENE. & E. | 1·6 | 0·0 | 0·1 | 229 | − 2 | 0·00 | 0·0 |
| Thursday- | 18 | .. | 29·939 | 78·3 | 55·8 | 22·5 | 66·9 | + 5·3 | 50·0 | 16·9 | 26·2 | 2·5 | 55 | 134·3 | 52·3 | 64·07 | ENE. & E. | E. & ENE. | 8·2 | 0·0 | 0·9 | 385 | +157 | 0·01 | 0·0 |
| Friday - | 19 | In Equator | 29·896 | 81·1 | 57·9 | 23·2 | 68·8 | + 7·4 | 63·1 | 5·7 | 15·6 | 0·0 | 82 | 137·2 | 57·9 | 64·22 | E. | E., ESE. & SW. | 12·0 | 0·0 | 0·4 | 270 | + 44 | 0·00 | 0·0 |
| Saturday - | 20 | .. | 29·962 | 82·1 | 58·2 | 23·9 | 69·3 | + 8·0 | 58·1 | 11·2 | 22·1 | 1·3 | 67 | 136·5 | 53·8 | 64·41 | SW. & WSW. | W., NE. & ENE. | 0·8 | 0·0 | 0·0 | 150 | − 75 | 0·00 | 0·0 |
| Means - - | | | 29·882 | 82·1 | 59·3 | 22·7 | 69·5 | + 7·7 | 58·7 | 10·8 | 21·0 | 1·6 | 69 | 135·7 | 56·4 | 63·43 | SW. & NE. | | .. | .. | .. | Sum 1642 | Sum + 19 | Sum 0·03 | 0·1 |
| No. of Column - | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| Date. August | | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. |
|---|---|---|---|---|
| Sunday - | 14 | w. P. throughout - | 11·2 | 14·7 |
| Monday - | 15 | w. P. throughout - | 8·2 | 14·6 |
| Tuesday - | 16 | w. P. till 1h. A.M.; v. P. and v. N. till 5h. A.M.; w. P. generally afterwards. | 8·2 | 14·5 |
| Wednesday | 17 | w. P. throughout - | 6·8 | 14·4 |
| Thursday- | 18 | w. P. till 9h. A.M.; w. N. till 5h. P.M.; w. P. till 9h. P.M.; s. N. and s. P. afterwards. | 10·7 | 14·4 |
| Friday - | 19 | s. P. and s. N. till 2h. A.M.; w. P. afterwards. | 5·9 | 14·3 |
| Saturday - | 20 | w. P. throughout - | 10·0 | 14·3 |
| | | | Sum 61·0 | Sum 101·2 |
| No. of Col. - | - | 27 | 28 | 29 |

## GENERAL REMARKS.

| | |
|---|---|
| Sunday 14 | A very fine hot day; partially cloudy at times. |
| Monday 15 | Cloudy in morning; very fine with variable amounts of cloud till 8h. P.M.; cloudless afterwards. Lightning at night. A very warm day. |
| Tuesday 16 | Cloudless with lightning till 1h. A.M.; overcast till 8h. A.M. with slight thunderstorm in early morning; very fine and generally cloudless afterwards. |
| Wednesday 17 | Generally overcast till 10h. A.M.; very fine with small amounts of cloud afterwards. |
| Thursday 18 | Very fine till 2h. A.M.; overcast till 7h. A.M.; very fine and generally cloudless till 7h. P.M.; cloudy and showery afterwards with occasional lightning. |
| Friday 19 | Cloudy in morning with light showers till 2h. A.M.; partially cloudy till 10h. A.M.; very fine with small amounts of cloud till evening; cloudless with occasional lightning afterward. |
| Saturday 20 | Cloudless in morning; very fine afterwards with small amounts of cloud at times. |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased from 29·85 in. at the beginning of the week to 29·74 in. by 4h. P.M. on the 16th; increased to 30·00 in. by 10h. P.M. on the 17th; decreased to 29·89 in. by 5h. P.M. on the 18th; increased to 30·02 in. by 10h. P.M. on the same day; decreased to 29·80 in. by 2h. A.M. on the 19th; and increased to 29·97 in. by the end of the week.

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1898.

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# WEEKLY RETURN
OF
# BIRTHS AND DEATHS IN LONDON
AND IN
# THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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No. 34. 1898. VOL. LIX.] WEEK ENDING SATURDAY, AUG. 27. [Price 1½*d*

*General Register Office, Somerset House,*
*August 29th*, 1898.

## THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 23·2 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000 :—

| TOWNS. | Weeks ending | | | | TOWNS. | Weeks ending | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Aug. 6. | Aug. 13. | Aug. 20. | Aug. 27. | | Aug. 6. | Aug. 13. | Aug. 20. | Aug. 27. |
| 33 Great Towns | 18·3 | 20·5 | 22·0 | 23·2 | Leicester - - | 16·5 | 20·2 | 17·7 | 24·0 |
| Birkenhead - | 16·6 | 24·9 | 18·0 | 29·0 | Liverpool - - | 24·4 | 27·7 | 31·1 | 30·9 |
| Birmingham - | 20·0 | 21·6 | 24·1 | 24·4 | London - - - | 18·4 | 20·5 | 23·4 | 21·5 |
| Blackburn - | 17·6 | 13·7 | 20·7 | 22·3 | Manchester - - | 21·3 | 21·0 | 22·6 | 24·4 |
| Bolton - - | 14·9 | 17·0 | 22·6 | 24·3 | Newcastle-on-Tyne | 21·0 | 17·5 | 18·2 | 26·7 |
| Bradford - | 15·2 | 17·2 | 16·3 | 18·3 | Norwich - - | 14·5 | 17·3 | 14·5 | 21·0 |
| Brighton - | 10·2 | 17·1 | 16·6 | 17·5 | Nottingham - - | 15·7 | 15·5 | 14·8 | 16·8 |
| Bristol - | 13·3 | 14·8 | 17·3 | 19·1 | Oldham - - | 10·9 | 16·2 | 12·7 | 16·5 |
| Burnley - | 11·9 | 13·8 | 12·4 | 22·4 | Plymouth - - | 24·2 | 23·7 | 16·3 | 24·2 |
| Cardiff - - | 16·7 | 15·0 | 17·3 | 18·2 | Portsmouth - - | 16·8 | 21·8 | 21·5 | 20·1 |
| Croydon - | 14·7 | 17·2 | 18·0 | 21·0 | Preston - - | 17·5 | 29·1 | 26·4 | 32·3 |
| Derby - - | 12·9 | 14·4 | 19·4 | 28·8 | Salford - - - | 25·6 | 29·0 | 23·9 | 28·8 |
| Gateshead - | 14·1 | 14·6 | 16·1 | 21·6 | Sheffield - - | 22·4 | 24·9 | 26·9 | 30·5 |
| Halifax - | 14·6 | 14·0 | 8·6 | 17·8 | Sunderland - - | 23·9 | 18·5 | 22·1 | 35·2 |
| Huddersfield- | 10·2 | 16·3 | 13·7 | 13·7 | Swansea - - | 16·4 | 14·3 | 13·8 | 16·9 |
| Hull - - | 12·0 | 18·4 | 19·3 | 27·9 | West Ham - - | 16·4 | 23·5 | 20·4 | 20·4 |
| Leeds - - | 19·9 | 22·2 | 24·7 | 25·7 | Wolverhampton - | 20·1 | 27·8 | 24·3 | 38·5 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were :—from *measles*, 1·2 in Wolverhampton, and 3·3 in Norwich ; from *whooping-cough*, 1·0 in Sheffield, 1·1 in Sunderland, and 1·5 in Swansea ; and from *diarrhœa*, 5·1 in Nottingham, 5·4 in London and in Bradford, 5·5 in Brighton, 5·7 in Birmingham, 5·8 in Plymouth, 6·0 in West Ham and in Derby, 6·3 in Blackburn, 6·9 in Sunderland, 7·3 in Leeds, 7·5 in Croydon, 7·6 in Manchester, 7·7 in Bolton, 7·9 in Hull, 8·1 in Liverpool, 8·3 in Birkenhead, 8·7 in Leicester, 8·9 in Salford, 12·4 in Wolverhampton, 13·4 in Preston, and 14·2 in Sheffield. In none of the thirty-three towns did the death-rate from *scarlet fever* or from "*fever*" reach 1·0 per 1000. The 45 deaths from *diphtheria* included 21 in London, 4 in Liverpool, and 3 in West Ham. No death from *small-pox* was registered in any of the thirty-three towns.

## LONDON.

In LONDON† 2551 BIRTHS and 1856 DEATHS were registered. Allowing for increase of population, the births were 65 below, and the deaths 307 above, the average numbers in the corresponding weeks of the last ten

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

years. The annual death-rate per 1000 from all causes, which had been 18·4, 20·5, and 23·4 in the preceding three weeks, fell again last week to 21·5. During the four weeks ending on Saturday last the death-rate averaged 21·0 per 1000, being 1·7 per 1000 above the mean rate in the corresponding periods of the ten years 1888–97.

The 1856 deaths included 20 from measles, 7 from scarlet fever, 21 from diphtheria, 32 from whooping-cough, 9 from enteric fever, 463 from diarrhœa and dysentery, 14 from cholera and choleraic diarrhœa, and not one death from small-pox, from typhus, or from any ill-defined form of continued fever; thus, 566 deaths were referred to these diseases, being 239 above the corrected average weekly number.

The deaths from *measles*, which had been 14, 31, and 18 in the preceding three weeks, rose again last week to 20, but were 18 below the corrected average; 4 cases belonged to Bethnal Green sanitary area. The deaths from *scarlet fever*, which had been 8, 10, and 17 in the preceding three weeks, fell again last week to 7, and were 14 below the corrected average. The deaths from *diphtheria*, which had been 30, 27, and 26 in the preceding three weeks, further fell last week to 21, and were 15 below the corrected average; 4 cases belonged to Fulham sanitary area. The deaths from *whooping-cough*, which had been 29, 34, and 32 in the preceding three weeks, were again 32 last week, the corrected average being 29; 5 cases belonged to Lambeth sanitary area. The fatal cases of *enteric fever*, which had been 10, 2, and 13 in the preceding three weeks, fell again last week to 9, and were 3 below the corrected average; 2 cases belonged to Hackney and 2 to Lambeth sanitary areas. The deaths from *diarrhœa*, which had been 227, 328, and 433 in the preceding three weeks, further rose last week to 463, and were 278 above the corrected average. Of the 463 deaths from diarrhœa, 443 were of children under 5 years of age; 139 more deaths at this age-period were described as due to *gastro-enteritis*, and are included under enteritis in Table 4. The deaths referred to diseases of the respiratory organs, which had been 174, 171, and 196 in the preceding three weeks, fell again last week to 135, and were 24 below the corrected average. The deaths attributed directly to *influenza* numbered 3, having been 8, 6, and 3 in the preceding three weeks.

Different forms of violence caused 73 deaths, concerning all but 4 of which inquests were held. Of these 73 deaths, 6 were cases of suicide, and 1 of homicide, while the remaining 66 were attributed to accident or negligence. Eight of these were referred to vehicles in the streets, 7 to drowning, 11 to sunstroke, and 11 (of infants under one year of age) to suffocation in bed.

## Cases of Infectious Sickness in Hospitals.*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2 cases of small-pox, 2178 of scarlet fever, 903 of diphtheria, and 115 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 182 cases, against 224, 201, and 187; of diphtheria, 100 cases, against 119, 86, and 113; and of enteric fever, 21 cases, against 23, 20, and 18.

## Greater London.

In Greater London 3631 births and 2628 deaths were registered, corresponding to annual rates of 29·5 and 21·4 per 1000 of the estimated population. In the Outer Ring 3 deaths from measles, 9 from diphtheria, 12 from whooping-cough, 4 from "fever," and 283 from diarrhœal diseases (including cholera) were registered. Four deaths from diphtheria occurred in West Ham district; 85 deaths from diarrhœal diseases occurred in West Ham district, and 62 in Edmonton district.

## Meteorology.

The mean reading of the Barometer last week at Greenwich was 29·89 inches, and that of the Thermometer 65°·4, the latter being 4°·5 above the week's average in the 50 years 1841–90. The direction of the wind was variable, the horizontal movement of the air being 8 per cent. above the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 45·1 hours; the measured rainfall amounted to 0·14 of an inch.

* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Registered during the Week ending 27th August 1898. Births. | Deaths. | The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Annual Rate per 1000, corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6-12. | Temperature of the Air. Highest. Fahrenheit. | Lowest. Fahrenheit. | Mean. Fahrenheit. | Mean. Centigrade. | Rainfall. In Inches. | In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18 | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| **33 Towns** - | **11,218,378** | **6583** | **4988** | **2421** | **765** | **-** | **53** | **19** | **45** | **84** | **19** | **1321** | **149** | **291** | **742** | **54** | **23·2** | **7·2** | **90·0** | **45·0** | **62·1** | **16·72** | **0·52** | **1·32** | **33 Towns.** |
| London - - | 4,504,766 | 2551 | 1856 | 886 | 291 | - | 20 | 7 | 21 | 32 | 9 | 463 | 73 | 150 | 408 | 5 | 21·5 | 6·4 | 90·0 | 50·0 | 65·4 | 18·56 | 0·14 | 0·36 | London. |
| West Ham - - | 286,651 | 187 | 112 | 69 | 8 | - | - | - | 3 | 1 | - | 33 | 1 | 3 | 13 | 1 | 20·4 | 6·7 | - | - | - | - | - | - | West Ham. |
| Croydon - - | 124,421 | 77 | 50 | 26 | 7 | - | - | - | - | 1 | - | 18 | 2 | 2 | 3 | - | 21·0 | 8·0 | 87·5 | 47·5 | 64·3 | 17·94 | 0·00 | 0·00 | Croydon. |
| Brighton - - | 122,316 | 73 | 41 | 16 | 9 | - | - | - | - | 1 | - | 13 | 2 | 3 | 8 | 2 | 17·5 | 6·0 | 85·0 | 50·4 | 64·5 | 18·06 | 0·13 | 0·33 | Brighton. |
| Portsmouth - | 186,618 | 87 | 72 | 32 | 18 | - | 3 | - | 1 | - | 1 | 16 | 1 | 2 | 5 | - | 20·1 | 5·9 | - | - | - | - | - | - | Portsmouth. |
| Plymouth - - | 99,136 | 54 | 46 | 21 | 5 | - | 1 | - | - | 1 | - | 11 | - | 1 | 3 | - | 24·2 | 6·8 | - | - | - | - | - | - | Plymouth. |
| Bristol - - | 316,900 | 196 | 116 | 50 | 25 | - | 1 | 1 | - | 3 | - | 25 | 3 | 13 | 15 | 3 | 19·1 | 4·9 | 82·0 | 48·0 | 61·0 | 16·11 | 0·40 | 1·02 | Bristol. |
| Cardiff - - | 177,770 | 107 | 62 | 34 | 8 | - | - | - | 2 | 2 | - | 13 | 1 | 3 | 4 | - | 18·2 | 5·0 | - | - | - | - | - | - | Cardiff. |
| Swansea - - | 102,001 | 54 | 33 | 13 | 3 | - | - | - | 2 | 3 | - | 3 | - | - | 1 | - | 16·9 | 4·1 | - | - | - | - | - | - | Swansea. |
| Wolverhampton | 88,051 | 72 | 65 | 42 | 8 | - | 2 | - | - | - | - | 21 | 2 | 4 | 2 | 1 | 38·5 | 13·6 | 78·8 | 46·7 | 60·3 | 15·72 | 0·70 | 1·78 | Wolverhampton. |
| Birmingham - | 510,343 | 338 | 239 | 127 | 26 | - | 1 | - | 2 | 3 | 1 | 56 | 3 | 5 | 27 | 5 | 24·4 | 6·4 | - | - | - | - | - | - | Birmingham. |
| Norwich - - | 111,619 | 52 | 45 | 20 | 7 | - | 7 | 2 | - | - | - | 7 | 1 | 3 | 6 | - | 21·0 | 7·5 | 83·0 | 46·8 | 62·1 | 16·72 | 0·12 | 0·30 | Norwich. |
| Leicester - - | 208,662 | 140 | 96 | 48 | 18 | - | - | - | 2 | 1 | 1 | 35 | 2 | 4 | 14 | 5 | 24·0 | 9·7 | - | - | - | - | - | - | Leicester. |
| Nottingham - | 236,137 | 126 | 76 | 45 | 14 | - | - | - | - | - | - | 23 | 1 | 3 | 7 | - | 16·8 | 5·1 | 82·6 | 47·8 | 60·9 | 16·06 | 0·54 | 1·37 | Nottingham. |
| Derby - - - | 104,834 | 50 | 58 | 24 | 15 | - | 1 | - | - | - | - | 12 | 2 | 2 | 9 | - | 28·8 | 6·5 | - | - | - | - | - | - | Derby. |
| Birkenhead - | 113,189 | 73 | 63 | 30 | 7 | - | - | 1 | 1 | - | - | 18 | 2 | 7 | 4 | - | 29·0 | 9·2 | - | - | - | - | - | - | Birkenhead. |
| Liverpool - - | 633,645 | 418 | 375 | 168 | 45 | - | 4 | 2 | 4 | 9 | - | 99 | 8 | 12 | 49 | 11 | 30·9 | 9·7 | 77·1 | 52·2 | 60·8 | 16·00 | 1·31 | 3·33 | Liverpool. |
| Bolton - - | 122,495 | 66 | 57 | 28 | 9 | - | 1 | - | - | 2 | - | 18 | 1 | 4 | 3 | - | 24·3 | 8·9 | - | - | - | - | - | - | Bolton. |
| Manchester - | 539,079 | 338 | 252 | 117 | 37 | - | 2 | 1 | 1 | 3 | - | 79 | 2 | 7 | 34 | 1 | 24·4 | 8·3 | - | - | - | - | - | - | Manchester. |
| Salford - - | 215,702 | 145 | 119 | 54 | 23 | - | 2 | - | - | 4 | 2 | 37 | 3 | 3 | 22 | 1 | 28·8 | 10·9 | - | - | - | - | - | - | Salford. |
| Oldham - - | 148,288 | 66 | 47 | 9 | 10 | - | 1 | - | 1 | - | - | 3 | 1 | 3 | 9 | - | 16·5 | 1·8 | - | - | - | - | - | - | Oldham. |
| Burnley - - | 109,546 | 49 | 47 | 18 | 10 | - | - | - | 1 | - | - | 7 | 3 | 3 | 3 | 1 | 22·4 | 3·8 | - | - | - | - | - | - | Burnley. |
| Blackburn - - | 133,228 | 64 | 57 | 24 | 14 | - | - | 1 | - | - | - | 16 | 4 | 6 | 3 | 2 | 22·3 | 6·7 | - | - | - | - | - | - | Blackburn. |
| Preston - - | 116,356 | 52 | 72 | 45 | 4 | - | - | - | - | 1 | - | 30 | 1 | 1 | 6 | 5 | 32·3 | 13·9 | - | - | - | - | - | - | Preston. |
| Huddersfield - | 102,454 | 53 | 27 | 11 | 6 | - | - | - | - | - | - | 8 | - | - | 1 | - | 13·7 | 4·1 | 80·5 | 46·0 | 60·2 | 15·67 | 1·04 | 2·64 | Huddersfield. |
| Halifax - - | 96,729 | 47 | 33 | 10 | 10 | - | - | - | - | - | - | 4 | 1 | 1 | 2 | - | 17·8 | 2·2 | - | - | - | - | - | - | Halifax. |
| Bradford - - | 233,737 | 119 | 82 | 41 | 12 | - | - | - | 1 | 1 | 2 | 24 | 1 | 1 | 8 | 2 | 18·3 | 6·2 | 80·8 | 50·4 | 64·2 | 17·89 | 0·32 | 0·81 | Bradford. |
| Leeds - - - | 416,618 | 259 | 205 | 114 | 30 | - | 3 | 2 | 1 | 1 | - | 58 | 3 | 9 | 24 | 2 | 25·7 | 8·1 | - | - | - | - | - | - | Leeds. |
| Sheffield - - | 356,478 | 214 | 208 | 125 | 24 | - | 1 | - | - | 7 | 1 | 97 | 4 | 5 | 16 | 4 | 30·5 | 15·5 | - | - | - | - | - | - | Sheffield. |
| Hull - - - | 229,887 | 165 | 123 | 63 | 22 | - | - | - | - | 1 | - | 35 | 7 | 9 | 11 | 2 | 27·9 | 8·2 | 79·0 | 45·0 | 59·3 | 15·17 | 0·99 | 2·51 | Hull. |
| Sunderland - | 143,849 | 100 | 97 | 50 | 12 | - | - | 2 | 1 | 3 | 1 | 19 | 7 | 10 | 7 | - | 35·2 | 9·4 | - | - | - | - | - | - | Sunderland. |
| Gateshead - - | 103,775 | 69 | 43 | 18 | 11 | - | 1 | - | - | 1 | - | 9 | - | 1 | 4 | - | 21·6 | 5·5 | - | - | - | - | - | - | Gateshead. |
| Newcastle - - | 223,021 | 122 | 114 | 43 | 17 | - | 2 | - | 1 | 3 | 1 | 11 | 7 | 11 | 11 | 1 | 26·7 | 4·2 | - | - | - | - | - | - | Newcastle. |

See note * on first page of this return.

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the THIRTY-FOURTH Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2401 | 2358 | 2487 | 2501 | 2495 | 2571 | 2378 | 2448 | 2498 | 2718 | 2615·5 | 2551 |
| Males - - | 1189 | 1218 | 1266 | 1234 | 1237 | 1306 | 1201 | 1235 | 1254 | 1409 | 1320·5 | 1283 |
| Females - | 1212 | 1140 | 1221 | 1267 | 1258 | 1265 | 1177 | 1213 | 1244 | 1309 | 1295·0 | 1268 |
| TOTAL **Deaths** - | 1438 | 1240 | 1629 | 1403 | 1406 | 1718 | 1284 | 1430 | 1426 | 1748 | 1549·2 | 1856 |
| Males - - | 763 | 674 | 794 | 735 | 736 | 901 | 633 | 705 | 720 | 924 | 798·2 | 985 |
| Females - - | 675 | 566 | 835 | 668 | 670 | 817 | 651 | 725 | 706 | 824 | 751·0 | 871 |

The numbers in this column are the average weekly numbers in the thirty-fourth week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | June 4. | June 11. | June 18. | June 25. | July 2. | July 9. | July 16. | July 23. | July 30. | Aug 6. | Aug. 13. | Aug. 20. | Aug. 27. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** - - - | 2199 | 2646 | 2532 | 2385 | 2475 | 2502 | 2502 | 2505 | 2696 | 2335 | 2807 | 2489 | 2551 |
| TOTAL **Deaths** - - - | 1392 | 1411 | 1193 | 1257 | 1256 | 1232 | 1214 | 1330 | 1452 | 1586 | 1772 | 2019 | 1856 |
| Ages at Death: Under 1 year - - | 259 | 294 | 276 | 306 | 305 | 301 | 305 | 385 | 493 | 592 | 800 | 915 | 886 |
| 1—5 years - - | 225 | 200 | 155 | 167 | 173 | 142 | 157 | 152 | 175 | 198 | 212 | 233 | 222 |
| 5—20 " - - | 94 | 83 | 68 | 74 | 86 | 63 | 78 | 79 | 71 | 85 | 72 | 61 | 64 |
| 20—40 " - - | 173 | 192 | 170 | 187 | 181 | 171 | 179 | 152 | 181 | 158 | 151 | 172 | 157 |
| 40—60 " - - | 281 | 288 | 259 | 244 | 248 | 281 | 220 | 249 | 248 | 262 | 235 | 283 | 236 |
| 60—80 " - - | 294 | 302 | 225 | 228 | 227 | 223 | 220 | 254 | 226 | 238 | 255 | 295 | 243 |
| 80 year and upwards | 66 | 52 | 40 | 51 | 36 | 51 | 55 | 59 | 58 | 53 | 47 | 60 | 48 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox - - - - - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Measles - - - - - | 68 | 74 | 50 | 43 | 48 | 28 | 23 | 22 | 23 | 14 | 31 | 18 | 20 |
| Scarlet Fever - - - | 17 | 10 | 10 | 8 | 12 | 8 | 8 | 8 | 7 | 8 | 10 | 17 | 7 |
| Diphtheria - - - - | 30 | 23 | 26 | 21 | 29 | 27 | 39 | 29 | 21 | 30 | 27 | 26 | 21 |
| Whooping-cough - - - | 45 | 51 | 44 | 39 | 42 | 41 | 40 | 38 | 30 | 29 | 34 | 32 | 32 |
| Typhus - - - - - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Enteric Fever - - - | 3 | 4 | 4 | 4 | 10 | 7 | 4 | 8 | 7 | 10 | 2 | 13 | 9 |
| Simple Continued Fever - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - |
| Diarrhœa and Dysentery .. | 17 | 22 | 12 | 17 | 22 | 25 | 52 | 69 | 138 | 227 | 328 | 433 | 463 |
| Cholera - - - - - - | - | - | - | - | - | - | 3 | 2 | 8 | 13 | 15 | 14 | 14 |
| All the above Diseases - | 180 | 184 | 146 | 132 | 163 | 136 | 169 | 176 | 234 | 331 | 448 | 554 | 566 |
| Dis. of Respiratory System - | 226 | 212 | 185 | 171 | 162 | 160 | 175 | 148 | 173 | 174 | 171 | 196 | 135 |
| Phthisis - - - - - - | 126 | 156 | 134 | 140 | 149 | 150 | 126 | 148 | 133 | 124 | 139 | 115 | 107 |
| Dis. of Circulatory System - | 141 | 124 | 87 | 92 | 111 | 107 | 91 | 119 | 116 | 122 | 127 | 112 | 106 |
| Violence - - - - - | 77 | 88 | 53 | 71 | 56 | 56 | 55 | 64 | 80 | 73 | 61 | 67 | 73 |
| Inquest Cases - - - - | 150 | 166 | 106 | 112 | 126 | 112 | 119 | 127 | 164 | 139 | 131 | 139 | 150 |
| Deaths in Public Institutions - | 451 | 430 | 395 | 418 | 397 | 404 | 367 | 434 | 446 | 413 | 428 | 500 | 408 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean - - - - - - | 51°·9 | 60°·2 | 55°·2 | 60°·5 | 59°·3 | 60°·0 | 61°·9 | 62°·8 | 61°·0 | 63°·8 | 61°·9 | 69°·5 | 65°·4 |
| Mean of Highest readings - | 61·2 | 70·6 | 63·5 | 70·5 | 69·3 | 70·1 | 73·4 | 74·2 | 70·4 | 75·9 | 72·2 | 82·1 | 76·8 |
| Mean of Lowest readings - | 44·6 | 50·8 | 48·3 | 53·1 | 51·6 | 52·0 | 50·9 | 54·2 | 54·1 | 52·7 | 53·6 | 59·3 | 55·8 |
| Humidity of the Air - - | 76 | 78 | 76 | 74 | 75 | 71 | 68 | 74 | 76 | 69 | 76 | 69 | 73 |
| Rain-fall (in inches) - - | 0·61 | 0·32 | 0·01 | 0·47 | 0·84 | 0·00 | 0·02 | 0·45 | 0·72 | 0·06 | 0·56 | 0·03 | 0·14 |
| Registered Sunshine (in hours) | 26·4 | 41·1 | 32·3 | 39·3 | 45·6 | 40·4 | 52·0 | 36·1 | 25·6 | 58·4 | 35·6 | 61·0 | 45·1 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox - - - - - | 1 | 1 | 1 | – | – | – | – | – | – | 1 | 1 | 2 | 2 |
| Scarlet Fever - - - - | 2207 | 2169 | 2194 | 2238 | 2205 | 2250 | 2314 | 2355 | 2321 | 2326 | 2293 | 2241 | 2178 |
| Diphtheria - - - - | 973 | 1001 | 1018 | 999 | 976 | 1013 | 1033 | 1034 | 1022 | 1024 | 953 | 937 | 903 |
| Enteric Fever - - - - | 55 | 44 | 47 | 52 | 53 | 62 | 68 | 85 | 87 | 97 | 106 | 106 | 115 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton: A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley Wolverhampton; Arthur Brown. Esq., M.Inst. C.E., and T. Boobbyer Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst.C.E., Bradford; and Mr. E. Peak, Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-FOURTH Week of the Year 1898.

| CAUSES OF DEATH. | Corrected Averages for the 34th Week of the 10 years 1888–97*. | In the Week ending Saturday, 27th August 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0–1. | 1–5. | 5–20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| CAUSES - - - | 1549·2 | 1856 | 886 | 222 | 64 | 157 | 236 | 243 | 48 |
| all-pox { Vaccinated† - | 0·3 | - | - | - | - | - | - | - | - |
| { Unvaccinated | 0·6 | - | - | - | - | - | - | - | - |
| { No Statement | 0·2 | - | - | - | - | - | - | - | - |
| ales - - - - | 37·8 | 20 | 6 | 13 | 1 | - | - | - | - |
| let Fever - - - | 20·9 | 7 | 1 | 6 | - | - | - | - | - |
| hus - - - - | 0·1 | - | - | - | - | - | - | - | - |
| apsing Fever - - | - | - | - | - | - | - | - | - | - |
| uenza - - - - | 3·1 | 3 | - | 1 | - | 1 | 1 | - | - |
| ooping-cough - - | 28·7 | 32 | 20 | 12 | - | - | - | - | - |
| htheria - - | 36·4 | 21 | 2 | 9 | 10 | - | - | - | - |
| ple Continued and ll-defined Fever - | 0·1 | - | - | - | - | - | - | - | - |
| eric Fever - - - | 11·6 | 9 | - | - | 4 | 4 | 1 | - | - |
| lera and Chol. Diarr. | 6·0 | 14 | 9 | 3 | 1 | - | - | 1 | - |
| rhœa, Dysentery - | 184·5 | 463 | 380 | 63 | 1 | 3 | 4 | 7 | 5 |
| nittent Fever - - | 0·1 | - | - | - | - | - | - | - | - |
| rophobia - - - | 0·1 | - | - | - | - | - | - | - | - |
| nders - - - - | - | - | - | - | - | - | - | - | - |
| rpox and Effects of accination - - | 0·1 | - | - | - | - | - | - | - | - |
| ereal Affections - - | 10·1 | 8 | 3 | 1 | - | - | 4 | - | - |
| sipelas - - - | 5·4 | 2 | - | - | - | - | 2 | - | - |
| mia and Septicæmia | 1·9 | 1 | 1 | - | - | - | - | - | - |
| rperal Fever - - | 4·1 | 1 | - | - | - | 1 | - | - | - |
| er Zymotic Diseases | 1·1 | 2 | 2 | - | - | - | - | - | - |
| ush - - - - - | 1·7 | 2 | 2 | - | - | - | - | - | - |
| rms and other Parasitical Diseases - | 0·3 | 1 | - | - | - | 1 | - | - | - |
| rvation, Want of breast-milk - - | 1·8 | 1 | 1 | - | - | - | - | - | - |
| holism - - - | 11·0 | 12 | - | - | - | 8 | 3 | 1 | - |
| umatic Fever, Rheumatism of Heart | 8·9 | 5 | - | - | 1 | 3 | 1 | - | - |
| umatism - - - | 1·3 | 2 | - | - | - | - | 1 | 1 | - |
| t - - - - - | 3·6 | 6 | - | - | - | - | 2 | 3 | 1 |
| xets - - - - | 5·8 | 8 | 4 | 3 | - | 1 | - | - | - |
| cer - - - - | 69·9 | 73 | - | - | - | 5 | 34 | 33 | 1 |
| es Mesenterica - - | 38·7 | 42 | 36 | 6 | - | - | - | - | - |
| ercular Meningitis - | 26·5 | 18 | 6 | 9 | 3 | - | - | - | - |
| hisis - - - - | 139·7 | 107 | 2 | 3 | 4 | 54 | 34 | 9 | 1 |
| ofula, Tuberculosis - | 18·7 | 16 | 6 | 1 | 4 | 3 | 2 | - | - |
| er Constitutional diseases - - | 10·2 | 10 | - | 1 | - | 2 | 3 | 4 | - |
| mature Birth - - | 48·2 | 42 | 42 | - | - | - | - | - | - |
| lectasis - - - | 2·1 | 5 | 5 | - | - | - | - | - | - |
| genital Malformations - - - | 6·3 | 8 | 8 | - | - | - | - | - | - |
| Age - - - - | 41·8 | 49 | - | - | - | - | - | 25 | 24 |
| plexy - - - | 37·2 | 29 | 1 | - | - | 1 | 6 | 21 | - |
| lepsy - - - - | 6·8 | 6 | 1 | - | - | 2 | 3 | - | - |
| vulsions - - - | 42·4 | 47 | 38 | 7 | 1 | 1 | - | - | - |
| er Diseases of Brain and Nervous System | 77·0 | 79 | 15 | 18 | 5 | 9 | 15 | 14 | 3 |
| eases of Organs of Special Sense - | 3·2 | 2 | - | - | 1 | 1 | - | - | - |

| CAUSES OF DEATH | Corrected Averages for the 34th Week of the 10 years 1888–97*. | In the Week ending Saturday, 27th August 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0–1. | 1–5. | 5–20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 109·9 | 106 | 2 | - | 7 | 10 | 28 | 55 | 4 |
| Croup - - - - | 3·6 | - | - | - | - | - | - | - | - |
| Bronchitis - - - | 75·5 | 57 | 26 | 8 | - | 2 | 8 | 13 | - |
| Pneumonia - - - | 62·1 | 55 | 16 | 10 | 2 | 7 | 16 | 4 | - |
| Pleurisy - - - - | 3·9 | 2 | - | - | - | 1 | 1 | - | - |
| Other Diseases of Respiratory System - | 14·3 | 21 | 3 | 3 | - | 1 | 3 | 10 | 1 |
| Dentition - - - - | 9·3 | 8 | 7 | 1 | - | - | - | - | - |
| Quinsy, Sore Throat - | 1·7 | 1 | - | - | - | 1 | - | - | - |
| Enteritis - - - - | 53·3 | 181 | 139 | 27 | 4 | 2 | 6 | 3 | - |
| Peritonitis - - - | 7·6 | 6 | - | 1 | 1 | 1 | 3 | - | - |
| Diseases of Liver - - | 29·5 | 23 | 2 | - | - | 3 | 10 | 8 | - |
| Other Diseases of Digestive System | 30·6 | 37 | 8 | 2 | 3 | 6 | 11 | 5 | 2 |
| Diseases of Lymphatic System & of Ductless Glands - - - | 1·6 | 2 | - | - | 1 | 1 | - | - | - |
| Diseases of Urinary System - - - | 39·2 | 33 | - | 1 | 1 | 6 | 12 | 11 | 2 |
| Diseases of Generative System - - - | 6·3 | 4 | - | - | - | 2 | 2 | - | - |
| Accidents of Childbirth - | 4·8 | 3 | - | - | - | 2 | 1 | - | - |
| Diseases of Locomotive System - - - | 4·8 | 6 | - | - | 1 | - | 2 | 2 | 1 |
| Diseases of Integumentary System - - | 6·3 | 4 | 2 | - | - | - | 2 | - | - |
| VIOLENT DEATHS‡ (ACCIDENT.) | | | | | | | | | |
| By Railways - - - | 46·6 | 3 | - | 1 | - | 1 | - | 1 | - |
| By Vehicles or Horses - | | 8 | - | 1 | 1 | 1 | 1 | 3 | 1 |
| In Ships, Boats, Docks, (exclusive of Drowning) - - - | | 1 | - | - | - | - | 1 | - | - |
| In Building Operations - | | 3 | - | - | - | - | 3 | - | - |
| In Conflagrations - - | | 1 | - | - | - | - | - | 1 | - |
| By Burns, Scalds, Explosions - - | | 2 | - | 2 | - | - | - | - | - |
| By Drowning - - - | | 7 | - | - | 3 | 2 | 2 | - | - |
| By Suffocation in Bed - | | 11 | 11 | - | - | - | - | - | - |
| By Poisons or Poisonous Vapours - - | | - | - | - | - | - | - | - | - |
| Other or not stated causes - - - - | | 30 | 5 | 5 | 4 | 5 | 4 | 5 | 2 |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - | 1·6 | 1 | - | - | - | - | - | 1 | - |
| Suicide - - - - | 7·2 | 6 | - | - | - | 2 | 3 | 1 | - |
| Execution - - - | - | - | - | - | - | - | - | - | - |
| OTHER CAUSES - - | 73·2 | 81 | 71 | 4 | - | 1 | 1 | 1 | - |

The numbers in this column are the average weekly deaths for the ten years 1888–97, raised by 5·230 per cent. for increase population.

Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered lical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the se of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of ident, murder manslaughter or suicide All such cases are classed under "accident.'

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASI SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in e SUB-DISTRICT during the Week ending Saturday, 27th August, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2551 | 1856 | 886 | 291 | - | 20 | 7 | 21 | 32 | - | 9 | - | 463 | 73 | 150 | 408 |
| WEST DISTRICTS - - - | 778,251 | 392 | 277 | 110 | 47 | - | 2 | 1 | 4 | 2 | - | 1 | - | 64 | 15 | 31 | 78 |
| NORTH DISTRICTS - - - | 1,040,694 | 557 | 388 | 175 | 87 | - | 1 | 2 | 5 | 5 | - | 4 | - | 94 | 15 | 35 | 84 |
| CENTRAL DISTRICTS - - - | 233,635 | 140 | 117 | 58 | 11 | - | 1 | - | 1 | 3 | - | - | - | 27 | 1 | 4 | 40 |
| EAST DISTRICTS - - - | 716,334 | 477 | 321 | 174 | 30 | - | 11 | 1 | 1 | 5 | - | 1 | - | 77 | 15 | 32 | 71 |
| SOUTH DISTRICTS - - - | 1,642,796 | 985 | 728 | 369 | 106 | - | 5 | 3 | 10 | 17 | - | 3 | - | 201 | 27 | 48 | 110 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | -- | - | 25 | - | 10 | - | - | - | - | - | - | - | - | - | - | - | 25 |
| WEST DISTRICTS. | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 50 | 38 | 22 | 5 | - | 1 | - | - | - | - | - | - | 11 | 3 | 5 | 4 |
| St. John Paddington *H* - - G. | 33,510 | 6 | 13 | 4 | 2 | - | - | - | - | - | - | - | - | 2 | 1 | 2 | 4 |
| Kensington Town *Ww* - - W. | 122,164 | 69 | 52 | 18 | 14 | - | - | - | - | - | - | - | - | 11 | 4 | 6 | 20 |
| Brompton *HH*- - - W. & C. | 48,301 | 9 | 5 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 |
| St. Peter Hammersmith - - W. | 9,097 | 5 | 2 | 1 | 1 | - | - | - | - | - | - | - | - | 1 | 4 | - | - |
| St. Paul Hammersmith *HH* W. & G. | 25,102 | 56 | 40 | 19 | 7 | - | - | - | - | - | - | - | - | 12 | - | 7 | 2 |
| Fulham *Ww* - - - W. & C. | 113,781 | 81 | 52 | 23 | 3 | - | 1 | 1 | 4 | 1 | - | 1 | - | 18 | - | 1 | 13 |
| Chelsea Kensal Town - C. | 21,450 | 15 | 6 | 6 | - | - | - | - | - | - | - | - | - | 2 | - | 2 | - |
| Chelsea North *WHHHHH* - C. | 42,057 | 19 | 11 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | 4 |
| Chelsea South *HH* - - C. | 33,139 | 12 | 12 | 5 | 3 | - | - | - | - | - | - | - | - | 2 | 1 | 2 | 5 |
| May Fair *W* - - - - G. | 23,827 | 4 | 15 | 5 | 4 | - | - | - | - | - | - | - | - | 4 | - | - | 12 |
| Belgrave *WHHH* - - - C. | 56,140 | 21 | 12 | 3 | 2 | - | - | - | - | 1 | - | - | - | - | 1 | 3 | 6 |
| St. John Westminster *HH* - C. | 31,492 | 21 | 6 | 2 | - | - | - | - | - | - | - | - | - | 1 | - | 1 | - |
| St. Margaret Westminster *H*- C. | 22,097 | 7 | 11 | - | 3 | - | - | - | - | - | - | - | - | - | 1 | 2 | 7 |
| St. James Westminster *WHH* N. & G. | 23,050 | 13 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 4 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| NORTH DISTRICTS. | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - - W. | 36,595 | 9 | 9 | 3 | 3 | - | - | - | - | - | - | - | - | 2 | - | 1 | - |
| Rectory Marylebone *W* G. & W. | 19,798 | 8 | 4 | 2 | 2 | - | - | - | - | - | - | - | - | 1 | - | - | - |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 30 | 3 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 |
| Christchurch Marylebone *H* - W | 32,547 | 11 | 11 | 7 | - | - | - | - | - | 1 | - | - | - | 5 | 1 | 1 | - |
| St. John Marylebone *HHH* W. | 32,611 | 15 | 3 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 33 | 19 | 3 | 5 | - | - | 2 | 1 | - | - | 2 | - | 2 | 1 | - | 8 |
| Regent's Park Pancras *HH* - W. | 37,341 | 25 | 14 | 6 | 3 | - | - | - | - | - | - | - | - | 3 | 1 | 2 | 2 |
| Tottenham-court *wHHHH* - N. & W. | 26,757 | 12 | 14 | 4 | 2 | - | - | - | - | - | - | - | - | 1 | 2 | 3 | 8 |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 15 | 11 | 5 | - | - | - | - | - | - | - | - | - | 2 | 1 | 1 | 5 |
| Somers Town *HH* - - - N. | 32,161 | 14 | 25 | 14 | 3 | - | - | - | - | - | - | - | - | 4 | 2 | 4 | 6 |
| Camden Town *WH* - - N. | 16,669 | 12 | 12 | 1 | 9 | - | - | - | - | - | - | - | - | - | 2 | 4 | 9 |
| Kentish Town *WW* - - N. | 98,410 | 54 | 45 | 19 | 10 | - | - | - | - | - | - | - | - | 10 | 2 | 4 | 11 |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 53 | 49 | 21 | 8 | - | - | - | 1 | 2 | - | - | - | 10 | 1 | 2 | 21 |
| Islington South-west H - N. | 107,365 | 65 | 37 | 21 | 10 | - | 1 | - | - | - | - | - | - | 16 | 2 | 4 | - |
| Islington South-east - - N. | 66,549 | 32 | 13 | 8 | 2 | - | - | - | - | - | - | - | - | 3 | - | - | - |
| Highbury *HH* - - - N. | 64,577 | 30 | 20 | 13 | 5 | - | - | - | - | - | - | - | - | 8 | - | - | - |
| Stoke Newington *H* - - N. | 33,485 | 14 | 10 | 3 | 3 | - | - | - | - | - | - | - | - | 1 | - | 1 | - |
| North Hackney - - E. & N. | 213,044 | 21 | 18 | 4 | 9 | - | - | - | - | 1 | - | - | - | 4 | - | 1 | - |
| Central Hackney *ww* - E. & N. | | 32 | 15 | 6 | 4 | - | - | - | 2 | - | - | 1 | - | 2 | - | - | 3 |
| South-west Hackney *HHH* E. & N. | | 37 | 24 | 12 | 3 | - | - | - | - | - | - | 1 | - | 10 | - | 3 | 3 |
| South-east Hackney *WwH* E.&N. | | 35 | 32 | 20 | 4 | - | - | - | 1 | 1 | - | - | - | 10 | - | 3 | 7 |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated ther namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. T Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junct Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River E E London; and K. the Kent Company.

* See note † on first page of this Return.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH. FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday, 27th August, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population. 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **CENTRAL DISTRICTS.** | | | | | | | | | | | | | | | | | | |
| St. George Bloomsbury - - N. | 16,110 | 2 | 5 | 2 | 1 | – | – | – | – | – | – | – | – | 1 | – | – | – | – |
| St. Giles South *WH* - - N. | 12,976 | 14 | 6 | 2 | 1 | – | – | – | – | – | – | – | – | 3 | – | – | 1 | – |
| St. Giles North *H* - - - N. | 9,151 | 3 | 5 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| St. Martin-in-the-Fields *HH* N. & C. | 13,077 | 6 | 10 | 4 | 1 | – | – | – | – | – | – | – | – | 2 | – | 1 | 7 | – |
| Strand *WHH* - - - - N. | 11,839 | 7 | 4 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | 3 | – |
| *Strand Union Workhouse, Edmonton* | †1,037 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Holborn *wHHHHHHH* - N. | 31,042 | 13 | 19 | 11 | 1 | – | – | – | – | – | – | – | – | 2 | – | – | 13 | – |
| St. James Clerkenwell - - N. | 15,777 | 13 | 6 | 1 | 2 | – | – | – | – | – | – | – | – | 2 | – | 1 | – | – |
| Amwell Clerkenwell - - N. | 34,356 | 15 | 18 | 14 | 1 | – | – | – | 1 | – | – | – | – | 10 | – | – | – | – |
| Goswell-street - - - - N. | 16,069 | 18 | 5 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| City-road *HHHL* - - - N. | 29,897 | 34 | 14 | 10 | – | – | – | – | – | 2 | – | – | – | 3 | – | – | 1 | – |
| Whitecross-street - - - N. | 7,595 | 4 | 3 | 2 | – | – | 1 | – | – | – | – | – | – | 1 | – | – | – | – |
| Finsbury - - - - - - N. | 4,035 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| *Holborn Union Workhouse, Mitcham* - - - - | †892 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| St. Botolph *H* - - N. & E. | 6,870 | 2 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Cripplegate - - - - N. | 3,299 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| St. Sepulchre *WH* - - - N. | 9,591 | 3 | 18 | 6 | 1 | – | – | – | – | 1 | – | – | – | 3 | 1 | 2 | 14 | – |
| Allhallows Barking - - - N. | 9,059 | 4 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Broad Street *H* - - - N. | 2,892 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| *City of London Asylum, Stone* - - | †388 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| **EAST DISTRICTS.** | | | | | | | | | | | | | | | | | | |
| Shoreditch South *Hl* - E. & N. | 17,975 | 8 | 9 | 3 | – | – | – | – | – | – | – | – | – | 2 | – | – | – | – |
| Hoxton New Town *w* - - N. | 29,575 | 17 | 13 | 7 | 1 | – | 1 | – | – | – | – | – | – | 3 | 1 | 3 | 2 | – |
| Hoxton Old Town - - - N. | 27,645 | 16 | 5 | 5 | – | – | – | – | – | – | – | – | – | 1 | 1 | 1 | – | – |
| Haggerston *WH* - - N. & E. | 47,163 | 34 | 25 | 16 | 2 | – | 1 | 1 | – | – | – | – | – | 5 | – | 1 | 6 | – |
| Bethnal Green North *H* - E. | 49,301 | 32 | 18 | 7 | 3 | – | 4 | – | – | – | – | – | – | 5 | 1 | 3 | – | – |
| Bethnal Green South - - E. | 34,194 | 25 | 12 | 7 | 1 | – | – | – | – | 1 | – | – | – | 2 | – | 1 | – | – |
| Bethnal Green East *WHl* - E. | 45,667 | 23 | 20 | 10 | 4 | – | – | – | – | – | – | – | – | 6 | – | – | 5 | – |
| Spitalfields - - - E. & N. | 26,681 | 17 | 10 | 6 | 1 | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| Mile End New Town *W* - E. | 12,816 | 16 | 6 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | 2 | – |
| Whitechapel Church *H* - E. & N. | 25,561 | 20 | 37 | 11 | 4 | – | – | – | – | – | – | – | – | 1 | 3 | 7 | 27 | – |
| Goodman's Fields - - - E. | 13,618 | 5 | 3 | 1 | – | – | – | – | – | – | – | – | – | 1 | – | 1 | – | – |
| St. George's North - - - E. | 39,576 | 27 | 12 | 5 | 2 | – | 1 | – | – | – | – | – | – | 1 | 1 | 3 | – | – |
| St. John, St. George East *W* E. | 7,930 | 9 | 6 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – | 4 | – |
| Shadwell *H* - - - E. & N. | 10,434 | 9 | 11 | 9 | – | – | – | – | – | 1 | – | – | – | 5 | – | – | 8 | – |
| Ratcliff *W* - - - - E. | 14,954 | 11 | 6 | 3 | 1 | – | – | – | – | – | – | – | – | 2 | 1 | 2 | – | – |
| Limehouse - - - - E. | 32,917 | 24 | 13 | 8 | – | – | – | – | – | – | – | 1 | – | 6 | – | 1 | – | – |
| Mile End Old Town West *H* E. | 111,060 | 34 | 20 | 12 | 1 | – | – | – | – | – | – | – | – | 6 | 1 | 1 | – | – |
| Mile End Old Town East *WWww* - E. | | 35 | 23 | 13 | 4 | – | 2 | – | – | 1 | – | – | – | 7 | – | 1 | 5 | – |
| Bow *l* - - - - E. | 41,687 | 22 | 15 | 10 | – | – | – | – | – | – | – | – | – | 4 | – | – | 2 | – |
| Bromley *wwwH* - - - E. | 69,821 | 58 | 37 | 24 | 4 | – | 2 | – | – | 2 | – | – | – | 14 | 3 | 4 | 8 | – |
| Poplar *WW* - - - - E. | 57,759 | 35 | 20 | 13 | – | – | – | – | 1 | – | – | – | – | 6 | 3 | 2 | 2 | – |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX MEASLES SCARLET FEVER. DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 27th August, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Continued Simple Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WHL*.&S. | 13,064 | 8 | 3 | 2 | 1 | – | – | – | – | – | – | – | – | 2 | – | – | – | – |
| St. Saviour Southwark - - S. | 12,301 | 5 | 8 | 3 | 1 | – | – | – | – | – | – | – | – | 2 | – | 1 | – | – |
| Kent-road - - - - S. & L. | 22,879 | 13 | 12 | 10 | – | – | – | – | – | – | – | – | – | 9 | – | – | – | – |
| Borough-road *WH* - S. & L. | 16,083 | 14 | 12 | 7 | 1 | – | – | – | – | – | – | – | – | 6 | – | – | 5 | – |
| London-road *HL* - - L. & S. | 21,316 | 15 | 13 | 7 | 1 | – | – | – | – | – | – | – | – | 5 | – | 1 | 1 | – |
| Trinity Newington - - S. & L. | 28,723 | 9 | 14 | 9 | – | – | – | – | – | – | – | – | – | 10 | – | 1 | – | – |
| St. Peter Walworth *W* - S. & L. | 62,045 | 38 | 21 | 10 | 5 | – | – | – | – | 1 | – | – | – | 5 | – | 2 | 2 | – |
| St. Mary Newington- - L. & S. | 30,171 | 18 | 9 | 4 | 2 | – | 1 | – | – | – | – | – | – | 3 | – | – | – | – |
| St. Olave *WH*- - - - S. | 11,731 | 7 | 16 | 3 | – | – | – | – | – | – | – | – | – | 4 | 3 | 3 | 14 | – |
| Leather Market *W* - S. & L. | 32,339 | 13 | 12 | 7 | – | – | – | – | – | – | – | – | – | 4 | – | 1 | 1 | 1 |
| St. James Bermondsey - - S. | 53,136 | 34 | 25 | 12 | 3 | – | 1 | – | – | – | – | – | – | 4 | 2 | 3 | – | – |
| Rotherhithe *WwH* - S. & K. | 40,379 | 28 | 19 | 6 | 6 | – | – | – | – | 1 | – | – | – | 2 | – | – | 6 | 1 |
| Waterloo-road *HH* - L. & S. | 28,396 | 31 | 13 | 7 | 1 | – | – | 1 | – | – | – | – | – | 2 | – | 1 | 1 | – |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 6 | 20 | 6 | 2 | – | – | – | – | – | – | 1 | – | 3 | 2 | 4 | 11 | – |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 30 | 22 | 9 | 5 | – | – | – | – | 1 | – | – | – | 3 | – | – | 13 | – |
| Kennington 1st *H* - - S. & L. | 52,486 | 48 | 19 | 10 | 3 | – | – | – | – | 2 | – | – | – | 4 | 2 | 2 | 1 | – |
| Kennington 2nd - - S. & L. | 43,244 | 14 | 12 | 6 | 3 | – | – | – | – | – | – | – | – | 1 | 1 | 1 | – | – |
| Brixton *w* - - - L. & S. | 81,825 | 40 | 28 | 12 | 5 | – | 1 | – | 2 | 2 | – | 1 | – | 5 | – | 1 | 4 | – |
| Norwood *WH*- - - - L. | 29,318 | 12 | 9 | 4 | 2 | – | – | – | – | – | – | – | – | 1 | – | – | – | – |
| East Battersea - - - - S. | 71,730 | 42 | 35 | 18 | 5 | – | – | – | – | 2 | – | – | – | 14 | 4 | 5 | – | – |
| West Battersea *WwH* - - S. | 93,385 | 51 | 36 | 13 | 5 | – | – | – | – | 1 | – | – | – | 5 | 3 | 4 | 8 | – |
| Clapham *H* - - - - S. | 46,953 | 26 | 17 | 11 | – | – | – | – | – | – | – | – | – | 8 | 1 | 1 | – | – |
| Wandsworth *WHHL* - - S. | 58,101 | 52 | 36 | 24 | 5 | – | – | – | 1 | 1 | – | – | – | 16 | 1 | 1 | 1 | – |
| Putney - - - - - S. | 20,566 | 18 | 9 | 2 | 1 | – | – | – | – | – | – | – | – | 1 | – | – | – | – |
| Streatham *WwwL* - - L. | 61,644 | 37 | 16 | 4 | 4 | – | – | – | – | – | – | – | – | 3 | – | 1 | – | – |
| Dulwich - - - - L. & S. | 7,519 | 3 | 3 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Camberwell *Wwll* - S. & L. | 90,286 | 46 | 36 | 19 | 9 | – | – | – | – | 2 | – | – | – | 9 | – | 2 | 10 | – |
| Peckham *WW* - S., L., & K | 88,242 | 57 | 44 | 25 | 8 | – | – | – | – | – | – | – | – | 12 | 3 | 4 | – | – |
| St. George Camberwell - L. & S. | 67,029 | 41 | 17 | 13 | 1 | – | – | – | – | 1 | – | – | – | 3 | – | – | – | – |
| Deptford North - - - K. | 36,152 | 30 | 13 | 11 | 1 | – | – | – | – | – | – | – | – | 7 | – | – | – | – |
| Deptford Central *w* - - K. | 45,441 | 36 | 25 | 14 | 2 | – | – | – | 6 | 1 | – | 1 | – | 5 | – | – | 7 | – |
| Deptford South - - - K. | 33,402 | 17 | 9 | 6 | – | – | – | – | – | – | – | – | – | 3 | – | – | – | – |
| Greenwich West *H* - - K. | 23,012 | 13 | 11 | 4 | 3 | – | – | – | – | – | – | – | – | 2 | 1 | 2 | 1 | – |
| Greenwich East *WH* - - K. | 37,767 | 25 | 34 | 16 | 5 | – | – | – | – | 1 | – | – | – | 9 | 2 | 6 | 7 | – |
| Eltham *wH* - - - - K. | 5,911 | – | 2 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Lee *H* - - - - - K. | 24,222 | 9 | 7 | 3 | 2 | – | – | – | – | – | – | – | – | 2 | – | – | – | – |
| Lewisham *WwH* - - - K. | 38,139 | 21 | 27 | 14 | 5 | – | 1 | – | 1 | – | – | – | – | 9 | – | – | 8 | – |
| Sydenham *H* - - - - L. | 37,601 | 20 | 18 | 11 | 2 | – | – | – | – | 1 | – | – | – | 2 | 1 | – | – | 1 |
| Charlton *wHH* - - K. | 15,928 | 12 | 6 | 1 | 1 | – | 1 | 2 | – | – | – | – | – | 1 | – | – | 3 | – |
| Woolwich Dockyard - - K. | 19,355 | 10 | 5 | 3 | 1 | – | – | – | – | – | – | – | – | 3 | 1 | 1 | – | – |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 9 | 7 | 4 | 1 | – | – | – | – | – | – | – | – | 2 | – | – | – | 1 |
| Plumstead West *H* - - K. | 16,714 | 8 | 3 | 3 | – | – | – | – | – | – | – | – | – | 1 | – | – | – | – |
| Plumstead East *WH* - - K. | 42,538 | 19 | 25 | 14 | 1 | – | – | – | – | – | – | – | – | 9 | – | – | 6 | – |
| Banstead Asylum - - - - | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Caterham Asylum - - - - | — | – | 7 | – | 3 | – | – | – | – | – | – | – | – | – | – | – | 7 | – |
| Cane Hill Asylum - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Hospital Ships and Camp, Dartford | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Darenth Asylum - - - - | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Hanwell Asylum - - - - | — | – | 5 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 5 | – |
| Colney Hatch Asylum - | — | – | 3 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 3 | – |
| N.E. Hospital - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Winchmore Hill Hospital - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Leavesden Asylum - - - - | — | – | 5 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 5 | – |
| Claybury Asylum - - - - | — | – | 3 | – | 3 | – | – | – | – | – | – | – | – | – | – | – | 3 | – |

ABLE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 27th August, 1898.

| Registration District and Sub-District Numbers. | REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years & upwds. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LONDON—OUTER RING - | 368,749 | 1,422,063 | 1080 | 772 | 434 | 101 | - | 3 | - | 9 | 12 | 4 | 266 | 16 | 32 | 64 | 3 |
| 30 : 1 | Carshalton *wHH* - - | 12,228 | 26,108 | 8 | 8 | 7 | - | - | - | - | - | - | - | 4 | - | - | - | - |
| 2 | Epsom, *part of* WwHH* - | 10,423 | 12,508 | 8 | 7 | 5 | 1 | - | - | - | - | - | - | 2 | - | 1 | 1 | - |
| 37 : 1 | Godstone, *part of* W* - | 2,754 | 1,598 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 38 : 1 | Croydon *WwHHH* - - | 20,851 | 128,699 | 88 | 68 | 35 | 10 | - | - | - | - | 1 | - | 22 | 2 | 2 | 8 | - |
| 2 | Mitcham *w* - - - | 11,697 | 23,088 | 16 | 10 | 8 | - | - | - | - | - | - | - | 9 | - | - | - | - |
| 39 : 1 | Wimbledon *HHH* - - | 3,220 | 25,761 | 21 | 23 | 15 | 2 | - | - | - | - | - | - | 14 | - | - | - | - |
| 2 | Kingston *W* - - - | 8,071 | 33,566 | 23 | 13 | 7 | 2 | - | - | - | - | - | - | 4 | - | 1 | 4 | - |
| 3 | Surbiton *H*- - - - | | 11,199 | 6 | 2 | - | 2 | - | - | - | - | - | - | - | 1 | 1 | - | - |
| 4 | Esher, *part of* HH* - | 6,601 | 12,059 | 7 | 4 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| 5 | Hampton *HL* - - - | 4,565 | 18,252 | 6 | 9 | 6 | - | - | - | - | - | - | 1 | 2 | - | - | - | - |
| 40 : 1 | Richmond *WH*- - - | 2,160 | 25,389 | 12 | 11 | 6 | 2 | - | - | - | - | 1 | - | 3 | - | - | 4 | - |
| 2 | Mortlake *H* - - - | 2,823 | 16,159 | 7 | 5 | 3 | - | - | - | - | - | - | - | - | 1 | 1 | - | - |
| 41 : 1 | Bromley *HHH* - - - | 9,127 | 23,815 | 14 | 11 | 6 | 3 | - | - | - | - | 1 | - | 3 | - | - | 1 | - |
| 2 | Beckenham *H* - - - | 6,542 | 21,969 | 7 | 7 | 5 | 2 | - | - | - | - | - | - | 3 | - | - | - | - |
| 3 | Chislehurst, *part of* WHH* | 14,307 | 20,372 | 18 | 4 | 1 | 3 | - | - | - | - | - | - | - | 1 | 1 | 3 | - |
| 42 : 1 | Bexley *HHH* - - - | 12,540 | 30,590 | 21 | 16 | 6 | 1 | - | - | - | 1 | 1 | - | 5 | 1 | 1 | 1 | 1 |
| 2 | Dartford *WH, part of** - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 44 : 1 | Sunbury *w* - - - | 11,054 | 13,671 | 9 | 11 | 5 | 3 | - | - | - | - | - | - | 3 | - | - | - | - |
| 2 | Staines *WH* - - - | 13,277 | 13,221 | 13 | 4 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | - |
| 45 : 1 | Hillingdon *WHH* - - | 6,035 | 12,237 | 9 | 9 | 3 | 2 | - | - | - | - | - | - | 6 | 1 | 1 | - | - |
| 2 | Uxbridge - - - - | 12,757 | 7,253 | 2 | 6 | 5 | - | - | - | - | - | - | - | 4 | - | - | - | - |
| 3 | Hayes *wH*- - - - | 7,952 | 11,051 | 10 | 10 | 4 | 4 | - | - | - | - | - | - | 1 | - | 1 | - | - |
| 46 : 1 | Isleworth *WHH* - - | 6,967 | 26,004 | 11 | 15 | 8 | 2 | - | - | - | - | 1 | - | 3 | - | - | 2 | - |
| 2 | Twickenham *HH* - - | 2,415 | 16,027 | 19 | 9 | 5 | 1 | - | | - | - | 1 | - | 1 | - | - | 1 | - |
| 3 | Brentford *HHHH* - - | 4,318 | 37,777 | 16 | 14 | 2 | 7 | - | - | - | - | - | - | 2 | - | 1 | - | - |
| 4 | Chiswick - - - - | 1,245 | 21,963 | 17 | 15 | 8 | 3 | - | - | - | - | - | - | 2 | 1 | 2 | - | - |
| 5 | Acton *wHH* - - - | 6,132 | 30,945 | 19 | 18 | 8 | 3 | - | - | - | - | 2 | - | 7 | - | - | - | - |
| 47 : 1 | Harrow *HHH* - - - | 13,809 | 15,715 | 11 | 3 | 2 | - | - | - | - | - | - | - | 2 | - | - | - | - |
| 2 | Edgware *HH* - - - | 6,994 | 3,844 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Willesden *HHH* - - | 4,383 | 61,265 | 73 | 31 | 18 | 3 | - | - | - | - | 1 | - | 12 | 2 | 2 | 1 | 1 |
| 4 | Hendon *WH* - - - | 8,382 | 15,843 | 14 | 13 | 6 | 3 | - | - | - | - | - | - | 2 | - | - | 4 | - |
| 48 : 1 | South Mimms *HH* - - | 21,077 | 6,367 | 1 | 2 | 1 | 1 | - | - | - | - | - | - | - | - | - | 1 | - |
| 2 | Barnet *WHH* - - - | | 14,152 | 8 | 7 | 3 | 4 | - | - | - | - | - | - | - | - | - | 5 | - |
| 3 | Finchley *HHH*- - - | 4,688 | 25,820 | 16 | 10 | 4 | 1 | - | - | - | - | - | 1 | 1 | - | - | - | - |
| 49 : 1 | Hornsey *HH* - - - | 3,039 | 61,097 | 38 | 31 | 17 | 5 | - | - | - | - | - | 1 | 10 | - | - | - | - |
| 2 | Tottenham *HH*- - - | 4,642 | 97,174 | 78 | 50 | 30 | 4 | - | - | - | - | 1 | - | 19 | 1 | 2 | 1 | - |
| 3 | Edmonton *Www* - - | 7,489 | 36,351 | 28 | 29 | 20 | 2 | - | - | - | 2 | - | - | 15 | 1 | 3 | 2 | - |
| 4 | Enfield *WWHH* - - | 12,602 | 31,536 | 26 | 21 | 13 | 3 | - | - | - | - | - | - | 12 | - | 1 | - | - |
| 5 | Waltham Abbey - - - | 11,017 | 6,066 | 5 | 1 | - | - | - | - | - | - | - | - | 1 | - | - | - | - |
| 6 | Cheshunt *H* - - - | 8,480 | 9,620 | 9 | 5 | 3 | - | - | - | - | - | - | - | 3 | 1 | 1 | - | - |
| 55 : 1 | Hatfield, *part of* W* - | 3,306 | 582 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 57 : 1 | Bushey *H* - - - - | 9,331 | 7,737 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Watford *WH, part of** - | — | — | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| 63 : 1 | Stratford *H* - - - | 4,706 | 38,612 | 33 | 20 | 14 | 1 | - | - | - | - | 1 | - | 4 | - | 2 | 1 | - |
| 2 | Plaistow *WHHH* - - | | 58,030 | 54 | 34 | 21 | - | - | - | - | 2 | - | - | 13 | - | - | 3 | - |
| 3 | Canning Town *H* - - | | 54,750 | 64 | 35 | 20 | 2 | - | - | - | 1 | - | - | 11 | 1 | 1 | 2 | 1 |
| 4 | Forest Gate *w* - - - | | 53,511 | 36 | 16 | 13 | 2 | - | - | - | - | - | - | 5 | - | - | - | - |
| 5 | East Ham *wH* - - - | 3,266 | 32,713 | 41 | 39 | 30 | 1 | - | 2 | - | - | - | - | 14 | - | 1 | - | - |
| 6 | Leyton *WWWwH* - - | 4,334 | 70,188 | 57 | 43 | 18 | 10 | - | - | - | - | - | 1 | 12 | - | 1 | 10 | - |
| 7 | Walthamstow *HHL*- - | 6,501 | 57,330 | 52 | 35 | 19 | 3 | - | 1 | - | 1 | 1 | - | 16 | 1 | 3 | 1 | - |
| 67 : 1 | Chigwell, *part of* HHHH* | 11,779 | 12,941 | 10 | 2 | 1 | - | - | - | - | 1 | - | - | 1 | - | - | 1 | - |
| 2 | Epping *WH, part of** - - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 69 : 1 | Romford, *part of* WH* - | 6,556 | 4,324 | - | 4 | 3 | - | - | - | - | - | - | - | 3 | - | - | - | - |
| 2 | Ilford - - - - - | 8,493 | 10,913 | 14 | 12 | 10 | 1 | - | - | - | - | - | - | 5 | - | 1 | - | - |
| 3 | Barking Town, *H* - - | 3,814 | 14,301 | 17 | 14 | 10 | 1 | - | - | - | - | - | - | 5 | 1 | 1 | - | - |
| | Eastern Fever Hosp. - - | — | — | - | 1 | - | - | - | - | - | 1 | - | - | - | - | - | 1 | - |
| | Middlesex Co. Lunatic Asy., Wandsworth. | — | — | - | 2 | - | - | - | - | - | - | - | - | - | - | - | 2 | - |
| | London Co. Lunatic Asy., Hanwell. - | — | — | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring re as follows:—30 : 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37 : 1, the parishes of Warlingham nd Farley in Godstone sub-district; 39 : 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41 : 3, Chislehurst ub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135 : 1, the parish of Northaw in atfield sub-district; 187 : 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping op. 1,079); 189 : 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for fectious Diseases belonging to the Outer Ring in 42 : 2, Dartford; 137 : 2, Watford: and 187 : 2. Epping sub-districts,

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 27th August, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | ANNUAL RATE of MORTALITY per 1000 living. From All Causes. | From Diseases in Cols. 8-14. | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Deaths in Public |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. | 1 |
| GREATER LONDON | **443,421** | **6,408,321** | **21·4** | **6·9** | **2628** | **1320** | **392** | **–** | **23** | **7** | **30** | **44** | **13** | **729** | **89** | **47** |
| INNER LONDON - | 74,672 | 4,504,766 | 21·5 | 6·4 | 1856 | 886 | 291 | – | 20 | 7 | 21 | 32 | 9 | 463 | 73 | 4 |
| OUTER RING - | 368,749 | 1,903,555 | 21·1 | 8·1 | 772 | 434 | 101 | – | 3 | – | 9 | 12 | 4 | 266 | 16 | |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent t the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

| CITIES. | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of Stillborn | DEATHS. Exclusive of Stillborn | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM PRINCIPAL ZYMOTI DISEASES. Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 295,628 | August 27 | 126 | 97 | 17·1 | – | 1 | 1 | – | 3 | – | |
| GLASGOW - - | 724,349 | „ 27 | 446 | 246 | 17·7 | – | 3 | 2 | 1 | 8 | 8 | |
| DUBLIN - - | 349,594 | „ 27 | 190 | 150 | 22·4 | – | – | – | 2 | – | 3 | |
| CALCUTTA - - | 466,460 | July 23 | – | – | – | – | – | – | – | – | – | |
| BOMBAY - - | 821,764 | August 9 | 255 | 615 | 38·9 | 1 | 1 | ? | ? | ? | 156† | |
| MADRAS - - | 452,518 | July 29 | 363 | 458 | 52·6 | 1 | 9 | ? | ? | ? | 133 | 1 |
| PARIS - - - | 2,511,629 | August 20 | 1298 | 1290 | 26·7 | – | 17 | 5 | 5* | 18 | 6 | 3 |
| BRUSSELS - - | 531,024 | „ 20 | 239 | 225 | 21·2 | – | 3 | 1 | 1* | 2 | 6 | |
| AMSTERDAM - | 508,266 | „ 13 | 261 | 136 | 13·9 | – | 6 | – | 1 | 4 | – | |
| ROTTERDAM - | 301,816 | „ 13 | 198 | 77 | 13·1 | – | 2 | – | – | – | – | |
| THE HAGUE - | 196,325 | „ 13 | 113 | 59 | 15·6 | – | 1 | – | 1 | 2 | – | |
| COPENHAGEN - | 340,500 | „ 20 | 172 | 101 | 15·5 | – | – | 1 | 2 | 9 | 1 | |
| STOCKHOLM - | 274,611 | „ 13 | 149 | 78 | 14·3 | – | – | – | 2* | – | 1 | |
| CHRISTIANIA - | 192,141 | „ 20 | 107 | 56 | 14·3 | 1 | 1 | – | – | – | – | |
| ST. PETERSBURG | 954,400 | 13 | 536 | 532 | 29·1 | – | 7 | 7 | 25 | 6 | 31 | 1 |
| MOSCOW - - | 988,610 | „ 13 | – | 615 | 32·4 | – | 10 | 9 | 13 | 3 | 14 | 1 |
| BERLIN - - | 1,753,775 | „ 6 | 891 | 570 | 16·8 | – | 9 | 6 | 7 | 12 | 1 | 1 |
| HAMBURG - - | 661,015 | „ 20 | – | 339 | 26·7 | – | 2 | 2 | 2* | 2 | 1 | |
| DRESDEN - - | 377,500 | July 9 | – | 123 | 16·7 | – | 2 | – | 1* | 2 | 1 | |
| BRESLAU - - | 392,795 | August 20 | – | 249 | 33·1 | – | – | 2 | – | 5 | 1 | |
| MUNICH - - | 430,000 | „ 20 | – | 238 | 28·8 | – | 1 | 2 | 1* | 8 | – | |
| VIENNA - - | 1,574,129 | „ 20 | 1051 | 565 | 18·5 | – | 9 | 3 | 11* | 5 | 2 | 1 |
| PRAGUE - - | 377,109 | „ 13 | 190 | 191 | 26·0 | – | 2 | 10 | 1 | – | 2 | |
| BUDA-PESTH - | 648,104 | „ 13 | 410 | 288 | 21·7 | – | 2 | 3 | 3 | 1 | 2 | |
| TRIESTE - - | 164,491 | „ 13 | 82 | 100 | 31·5 | – | – | 1 | 1* | 1 | 2 | |
| ROME - - - | 489,965 | July 16 | 175 | 170 | 18·1 | – | 2 | – | – | 3 | 9§ | |
| TURIN (10 days) | 344,203 | „ 20 | 209 | 197 | 20·9 | – | 1 | – | 1 | 4 | 3 | |
| VENICE - - | 167,074 | August 6 | 81 | 92 | 28·7 | – | 1 | – | 1* | 1 | 7 | |
| CAIRO - - | 570,062 | June 10 | 387 | 501 | 45·7 | 1 | 78 | – | 2* | – | 28 | 1 |
| ALEXANDRIA - | 319,766 | „ 10 | 157 | 182 | 29.6 | 1 | – | – | 1* | – | 5 | |
| NEW YORK (including BROOKLYN) | 3,438,899 | August 6 | 1508 | 1579 | 24·0 | – | 11 | 6 | 12 | 22 | 15 | 3 |
| PHILADELPHIA - | 1,240,266 | July 30 | – | – | – | – | – | – | – | – | – | |

* Including deaths from croup.
† Including 85 deaths from bubonic fever in Bombay.
‡ Including 36 deaths from cholera in Madras.
§ Including 6 deaths from malarial fever.

| 1898. Month and Day. | Phases of the Moon. | Barometer. Mean daily reading (corrected and reduced to 32° Fahrenheit). | Temperature. Of the Air. Highest. | Temperature. Of the Air. Lowest | Temperature. Of the Air. Daily Range. | Temperature. Of the Air. Mean daily value. | Temperature. Of the Air. Departure from Average of 50 years. | Temperature. Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Difference. Greatest. | Difference. Least. | Degree of Humidity (Saturation equals 100). | Temperature. Of Radiation. Highest in Sun's Rays. | Temperature. Of Radiation. Lowest on the Grass. | Temperature. Of the Earth 3 feet below the Surface. | Wind as deduced from Anemometers. Osler's. General Direction. A.M. | Wind. Osler's. General Direction. P.M. | Wind. Osler's. Pressure on the Square Foot. Greatest. | Wind. Osler's. Pressure. Least. | Wind. Osler's. Pressure. Mean of 24 hourly obs. | Wind. Robinson's. Horizontal Movement of the Air on each Day. | Wind. Robinson's. Departure from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| August | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| Sunday - 21 | .. | 29·936 | 81·8 | 59·4 | 22·4 | 69·6 | + 8·5 | 62·0 | 7·6 | 19·9 | 0·4 | 77 | 138·2 | 54·3 | 64·60 | ENE. & E. | ESE., E. & ENE. | 2·5 | 0·0 | 0·2 | 216 | − 9 | 0·00 | 0·0 |
| Monday - 22 | .. | 29·831 | 90·0 | 60·4 | 29·6 | 72·0 | +11·0 | 62·4 | 9·6 | 26·1 | 1·3 | 72 | 143·0 | 57·0 | 64·80 | E. & Variable. | SW. | 3·3 | 0·0 | 0·1 | 209 | − 17 | 0·03 | 0·0 |
| Tuesday - 23 | .. | 29·871 | 78·5 | 59·4 | 19·1 | 67·2 | + 6·3 | 57·5 | 9·7 | 19·5 | 1·7 | 71 | 135·5 | 55·5 | 64·97 | SW. & WSW. | WSW. & SW. | 2·6 | 0·0 | 0·2 | 256 | + 29 | 0·00 | 0·0 |
| Wednesday 24 | First Quarter. | 30·016 | 72·8 | 54·4 | 18·4 | 63·0 | + 2·2 | 47·5 | 15·5 | 24·5 | 5·0 | 57 | 125·8 | 51·0 | 65·04 | NNW. & N. | N. & NNE. | 2·2 | 0·0 | 0·2 | 242 | + 13 | 0·00 | 0·0 |
| Thursday - 25 | .. | 30·053 | 73·2 | 51·4 | 21·8 | 61·5 | + 0·7 | 48·8 | 12·7 | 23·4 | 2·4 | 63 | 137·9 | 47·1 | 64·96 | Variable, NNE. & NE. | NE., ESE. & S.E. | 1·3 | 0·0 | 0·0 | 138 | − 94 | 0·00 | 0·0 |
| Friday - 26 | Greatest Dec. S. | 29·867 | 73·5 | 50·0 | 23·5 | 62·7 | + 1·9 | 54·7 | 8·0 | 17·7 | 1·0 | 75 | 128·3 | 41·9 | 64·80 | SE. & SSW. | SSW. & SW. | 2·8 | 0·0 | 0·3 | 257 | + 22 | 0·00 | 0·0 |
| Saturday - 27 | .. | 29·658 | 67·9 | 55·7 | 12·2 | 61·5 | + 0·8 | 59·6 | 1·9 | 5·4 | 0·0 | 94 | 85·3 | 50·8 | 64·43 | SW. & SSW. | SW. & WSW. | 9·0 | 0·0 | 0·8 | 421 | +183 | 0·11 | 0·0 |
| Means - - | | 29·890 | 76·8 | 55·8 | 21·0 | 65·4 | + 4·5 | 56·1 | 9·3 | 19·5 | 1·7 | 73 | 127·7 | 51·5 | 64·80 | Variable. | | .. | .. | .. | Sum 1739 | Sum +127 | Sum 0·14 | 0·0 |
| No. of Column - | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| Date. August | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | General Remarks. |
|---|---|---|---|---|
| Sunday - 21 | w. P. throughout - | 9·9 | 14·2 | Very fine till 2h. A.M.; cloudy till 8h. A.M.; very fine till evening; cloudy with occasional lightning afterwards. |
| Monday - 22 | w. P. till 6h. A.M.; v. P. and v. N. till noon; w. P. generally afterwards. | 5·6 | 14·1 | Cloudy till noon with slight shower at 10h. A.M.; very fine generally afterwards with occasional lightning at night. Smart shower of rain with lightning and thunder at 9h. 10m. P.M. A very hot day. |
| Tuesday - 23 | w. P. throughout - | 4·5 | 14·0 | Fine; partially cloudy. |
| Wednesday 24 | w. P. till 7h. A.M.; w. P. generally afterwards. | 10·4 | 14·0 | Cloudy till 7h. A.M.; very fine and generally cloudless afterwards. |
| Thursday - 25 | m. P. till 11h. A.M.; w. P. afterwards. | 11·2 | 13·9 | A very fine day; partially cloudy at times. |
| Friday - 26 | w. P. generally - | 3·5 | 13·9 | Generally cloudy: fine in morning. |
| Saturday - 27 | w. P. generally - | 0·0 | 13·8 | Overcast and showery with brisk wind till 7h. P.M.; very fine afterwards. |
| | | Sum 45·1 | Sum 97·9 | |
| No. of Col. - - | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased from 29·97 in. at the beginning of the week to 29·80 in. by 6h. P.M. on the 22nd; increased to 30·09 in. by 10h. A.M. on the 25th; decreased to 29·56 in. by 5h. P.M. on the 27th; and increased to 29·72 in. by the end of the week.

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1898.

OFFICIAL COPY.

# WEEKLY RETURN
OF
# BIRTHS AND DEATHS IN LONDON
AND IN
# THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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No. 35. 1898. VOL. LIX.] WEEK ENDING SATURDAY, SEPT. 3. [Price 1½*d*.

*General Register Office, Somerset House,*
*September 5th*, 1898.

## THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 24·4 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS. | Weeks ending | | | | TOWNS. | Weeks ending | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Aug. 13. | Aug. 20. | Aug. 27. | Sept. 3. | | Aug. 13. | Aug. 20. | Aug. 27. | Sept. 3. |
| **33 Great Towns** | **20·5** | **22·0** | **23·2** | **24·4** | Leicester - - | 20·2 | 17·7 | 24·0 | 26·2 |
| Birkenhead - | 24·9 | 18·0 | 29·0 | 22·1 | Liverpool - - | 27·7 | 31·1 | 30·9 | 30·9 |
| Birmingham - | 21·6 | 24·1 | 24·4 | 29·5 | London - - - | 20·5 | 23·4 | 21·5 | 22·0 |
| Blackburn - | 13·7 | 20·7 | 22·3 | 25·0 | Manchester - - | 21·0 | 22·6 | 24·4 | 30·0 |
| Bolton - - | 17·0 | 22·6 | 24·3 | 31·1 | Newcastle-on-Tyne | 17·5 | 18·2 | 26·7 | 29·5 |
| Bradford - | 17·2 | 16·3 | 18·3 | 21·6 | Norwich - - | 17·3 | 14·5 | 21·0 | 28·0 |
| Brighton - | 17·1 | 16·6 | 17·5 | 22·2 | Nottingham - - | 15·5 | 14·8 | 16·8 | 21·6 |
| Bristol - | 14·8 | 17·3 | 19·1 | 24·5 | Oldham - - | 16·2 | 12·7 | 16·5 | 17·2 |
| Burnley - | 13·8 | 12·4 | 22·4 | 18·1 | Plymouth - - | 23·7 | 16·3 | 24·2 | 18·9 |
| Cardiff - - | 15·0 | 17·3 | 18·2 | 19·1 | Portsmouth - - | 21·8 | 21·5 | 20·1 | 17·3 |
| Croydon - | 17·2 | 18·0 | 21·0 | 21·8 | Preston - - | 29·1 | 26·4 | 32·3 | 30·9 |
| Derby - - | 14·4 | 19·4 | 28·8 | 23·4 | Salford - - - | 29·0 | 23·9 | 28·8 | 36·7 |
| Gateshead - | 14·6 | 16·1 | 21·6 | 31·2 | Sheffield - - | 24·9 | 26·9 | 30·5 | 27·7 |
| Halifax - | 14·0 | 8·6 | 17·8 | 15·1 | Sunderland - - | 18·5 | 22·1 | 35·2 | 37·0 |
| Huddersfield- | 16·3 | 13·7 | 13·7 | 15·3 | Swansea - - | 14·3 | 13·8 | 16·9 | 18·4 |
| Hull - - | 18·4 | 19·3 | 27·9 | 27·9 | West Ham - - | 23·5 | 20·4 | 20·4 | 21·6 |
| Leeds - - | 22·2 | 24·7 | 25·7 | 22·0 | Wolverhampton - | 27·8 | 24·3 | 38·5 | 36·7 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *whooping-cough*, 1·1 in Halifax and in Sunderland, and 1·3 in Croydon; and from *diarrhœa*, 6·0 in Bradford, 6·3 in Leeds, 6·4 in Brighton, 6·9 in Birkenhead, 7·2 in Bristol and in Birmingham, 7·5 in Norwich, 8·4 in Croydon and in Liverpool, 9·0 in Derby, 9·5 in Gateshead, 9·6 in Manchester, 10·2 in Blackburn, 11·0 in Sheffield, 11·3 in Hull, 11·6 in Salford, 11·9 in Bolton, 12·2 in Leicester, 12·7 in Sunderland, 14·8 in Preston, and 15·4 in Wolverhampton. In none of the thirty-three towns did the death-rate from *measles*, from *scarlet fever*, or from "*fever*" reach 1·0 per 1000. The 43 deaths from *diphtheria* included 19 in London, 5 in Swansea, 4 in Leeds, 3 in Birkenhead, and 3 in Liverpool. One death from *small-pox* was registered in Gateshead, but not one in any other of the thirty-three towns.

## LONDON.

In LONDON† 2650 BIRTHS and 1898 DEATHS were registered. Allowing for increase of population, the births were 46 below, and the deaths 442 above, the average numbers in the corresponding weeks of the last ten

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

years. The annual death-rate per 1000 from all causes, which had been 20·5, 23·4, and 21·5 in the preceding three weeks, rose again last week to 22·0. During the four weeks ending on Saturday last the death-rate averaged 21·9 per 1000, being 3·5 per 1000 above the mean rate in the corresponding periods of the ten years 1888–97.

The 1898 deaths included 11 from measles, 5 from scarlet fever, 19 from diphtheria, 29 from whooping-cough, 15 from enteric fever, 1 from an ill-defined form of continued fever, 431 from diarrhœa and dysentery, 13 from cholera and choleraic diarrhœa, and not one death from small-pox or from typhus; thus, 524 deaths were referred to these diseases, being 256 above the corrected average weekly number.

The deaths from *measles*, which had been 31, 18, and 20 in the preceding three weeks, fell again last week to 11, and were 19 below the corrected average; 6 cases belonged to Islington sanitary area. The deaths from *scarlet fever*, which had been 10, 17, and 7 in the preceding three weeks, further fell last week to 5, and were 15 below the corrected average. The deaths from *diphtheria*, which had been 27, 26, and 21 in the preceding three weeks, further fell last week to 19, and were 16 below the corrected average; 4 cases belonged to Lambeth sanitary area. The deaths from *whooping-cough*, which had been 34, 32, and 32 in the preceding three weeks, fell last week to 29, and were equal to the corrected average. The fatal cases of *enteric fever*, which had been 2, 13, and 9 in the preceding three weeks, rose again last week to 15, and were 4 above the corrected average; 2 cases belonged to Islington, 2 to Hackney, and 2 to Greenwich sanitary areas. The deaths from *diarrhœa*, which had been 328, 433, and 463 in the preceding three weeks, fell again last week to 431, but were 294 above the corrected average. Of the 431 deaths from diarrhœa, 404 were of children under 5 years of age; 141 more deaths at this age-period were described as due to *gastro-enteritis*, and are included under the heading enteritis in Table 4. The deaths referred to diseases of the respiratory organs, which had been 171, 196, and 135 in the preceding three weeks, further fell last week to 127, and were 16 below the corrected average. The deaths attributed directly to *influenza* numbered 2, having been 6, 3, and 3 in the preceding three weeks.

Different forms of violence caused 60 deaths, concerning all but 4 of which inquests were held. Of these 60 deaths, 11 were cases of suicide, and 2 of homicide, while the remaining 47 were attributed to accident or negligence. Four of these were referred to vehicles in the streets, 9 to drowning, 2 to sunstroke, 1 to the effects of an anæsthetic administered for surgical purposes, and 6 (of infants under one year of age) to suffocation in bed.

### Cases of Infectious Sickness in Hospitals.*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2 cases of small-pox, 2240 of scarlet fever, 869 of diphtheria, and 118 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 238 cases, against 201, 187, and 182; of diphtheria, 117 cases, against 86, 113, and 100; and of enteric fever, 23 cases, against 20, 18, and 21.

### Greater London.

In Greater London 3653 births and 2664 deaths were registered, corresponding to annual rates of 29·7 and 21·7 per 1000 of the estimated population. In the Outer Ring 4 deaths from measles, 1 from scarlet fever, 7 from diphtheria, 21 from whooping-cough, 3 from "fever," and 260 from diarrhœal diseases (including cholera) were registered. Fifty-nine deaths from diarrhœal diseases occurred in West Ham district, and 55 in Edmonton district.

### Meteorology.

The mean reading of the Barometer last week at Greenwich was 29·98 inches, and that of the Thermometer 61·1; the latter being 1·1 above the week's average in the 50 years 1841–90. The direction of the wind was westerly, the horizontal movement of the air being 30 per cent. above the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 60·7 hours; the measured rainfall amounted to 0·08 of an inch.

* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Registered during the Week ending 3rd September 1898. Births. | Deaths. | The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Annual rate per 1000, corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6–12. | Temperature of the Air. Highest. Fahrenheit. | Lowest. Fahrenheit. | Mean. Fahrenheit. | Mean. Centigrade. | Rainfall. In Inches. | In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18 | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| 33 Towns - | **11,218,378** | **6749** | **5242** | **2594** | **727** | **1** | **30** | **19** | **43** | **75** | **40** | **1438** | **133** | **288** | **825** | **44** | **24·4** | **7·6** | **82·9** | **40·7** | **57·8** | **14·33** | **0·29** | **0·74** | 33 Towns. |
| London - - | 4,504,766 | 2650 | 1898 | 887 | 277 | - | 11 | 5 | 19 | 29 | 16 | 431 | 60 | 124 | 469 | 7 | 22·0 | 5·9 | 82·9 | 44·0 | 61·1 | 16·17 | 0·08 | 0·20 | London. |
| West Ham - - | 286,654 | 169 | 119 | 62 | 9 | - | 2 | - | 1 | 2 | - | 25 | - | 6 | 6 | - | 21·6 | 5·5 | - | - | - | - | - | - | West Ham. |
| Croydon - - | 124,421 | 59 | 52 | 32 | 7 | - | - | - | - | 3 | - | 20 | 1 | 4 | 4 | - | 21·8 | 9·6 | 81·0 | 40·7 | 59·0 | 15·00 | 0·28 | 0·71 | Croydon. |
| Brighton - - | 122,310 | 77 | 52 | 23 | 10 | - | - | 1 | - | 1 | - | 15 | - | 2 | 8 | - | 22·2 | 7·2 | 73·0 | 44·4 | 59·6 | 15·33 | 0·14 | 0·36 | Brighton. |
| Portsmouth - | 186,618 | 110 | 62 | 26 | 13 | - | 2 | - | 1 | - | 1 | 14 | 1 | 3 | 8 | - | 17·3 | 5·0 | 77·0 | 45·0 | 60·0 | 15·56 | 0·20 | 0·51 | Portsmouth. |
| Plymouth - - | 99,136 | 46 | 36 | 14 | 5 | - | 1 | - | - | - | - | 7 | 2 | 3 | 3 | - | 18·9 | 4·2 | - | - | - | - | - | - | Plymouth. |
| Bristol - - | 316,900 | 172 | 149 | 67 | 28 | - | - | 1 | - | 1 | 1 | 44 | 2 | 4 | 22 | - | 24·5 | 7·7 | 73·0 | 44·0 | 57·3 | 14·06 | 0·21 | 0·53 | Bristol. |
| Cardiff - - | 177,770 | 104 | 65 | 38 | 6 | - | - | - | - | - | - | 18 | - | 2 | 6 | - | 19·1 | 5·3 | - | - | - | - | - | - | Cardiff. |
| Swansea - - | 102,001 | 60 | 36 | 12 | 4 | - | - | - | 5 | 1 | 1 | 3 | 2 | 2 | 4 | - | 18·4 | 5·1 | - | - | - | - | - | - | Swansea. |
| Wolverhampton | 88,051 | 59 | 62 | 40 | 7 | - | - | - | - | - | 1 | 26 | 1 | 1 | 3 | - | 36·7 | 16·0 | 68·9 | 43·2 | 54·7 | 12·61 | 0·41 | 1·04 | Wolverhampton. |
| Birmingham - | 510,343 | 348 | 289 | 158 | 39 | - | 3 | - | 1 | 9 | - | 70 | 7 | 12 | 38 | 3 | 29·5 | 8·5 | - | - | - | - | - | - | Birmingham. |
| Norwich - - | 111,699 | 56 | 60 | 35 | 9 | - | 2 | - | - | - | 1 | 16 | - | 2 | 5 | 1 | 28·0 | 8·9 | 79·0 | 43·8 | 58·4 | 14·67 | 0·23 | 0·58 | Norwich. |
| Leicester - - | 208,662 | 126 | 105 | 70 | 12 | - | - | - | - | - | 1 | 49 | 1 | 4 | 9 | 5 | 26·2 | 12·5 | - | - | - | - | - | - | Leicester. |
| Nottingham - | 236,137 | 134 | 98 | 47 | 14 | - | 2 | 1 | - | 1 | 1 | 26 | 4 | 6 | 15 | - | 21·6 | 6·8 | 69·6 | 45·3 | 56·4 | 13·56 | 0·54 | 1·37 | Nottingham. |
| Derby - - - | 104,834 | 42 | 47 | 29 | 7 | - | - | - | - | 1 | - | 18 | 1 | 3 | 4 | - | 23·4 | 9·5 | - | - | - | - | - | - | Derby. |
| Birkenhead - | 113,189 | 62 | 48 | 18 | 5 | - | - | - | 3 | - | 2 | 15 | 3 | 2 | 8 | 1 | 22·1 | 9·2 | - | - | - | - | - | - | Birkenhead. |
| Liverpool - - | 633,645 | 457 | 376 | 158 | 43 | - | 3 | 3 | 3 | 3 | 4 | 102 | 16 | 22 | 64 | 8 | 30·9 | 9·7 | 68·9 | 50·3 | 56·9 | 13·83 | 0·31 | 0·79 | Liverpool. |
| Bolton - - | 122,495 | 80 | 73 | 41 | 9 | - | - | - | - | 1 | 1 | 28 | 2 | 9 | 2 | - | 31·1 | 12·8 | - | - | - | - | - | - | Bolton. |
| Manchester - | 539,079 | 314 | 310 | 153 | 41 | - | 3 | - | 1 | 7 | - | 99 | 4 | 12 | 35 | 5 | 30·0 | 10·6 | - | - | - | - | - | - | Manchester. |
| Salford - - | 215,702 | 163 | 152 | 80 | 13 | - | - | 1 | 1 | 1 | 2 | 48 | 1 | 6 | 12 | - | 36·7 | 12·8 | - | - | - | - | - | - | Salford. |
| Oldham - - | 148,288 | 45 | 49 | 21 | 5 | - | - | 1 | - | 1 | - | 3 | 3 | 6 | 2 | 1 | 17·2 | 1·8 | - | - | - | - | - | - | Oldham. |
| Burnley - - | 109,546 | 53 | 38 | 20 | 10 | - | - | - | - | - | 1 | 11 | - | 1 | 4 | 1 | 18·1 | 5·7 | - | - | - | - | - | - | Burnley. |
| Blackburn - - | 133,228 | 65 | 64 | 39 | 6 | - | - | - | - | - | - | 26 | - | 1 | 2 | 2 | 25·0 | 10·2 | - | - | - | - | - | - | Blackburn. |
| Preston - - | 116,356 | 77 | 69 | 42 | 8 | - | - | - | 1 | 2 | 2 | 33 | 2 | 2 | 1 | 1 | 30·9 | 17·0 | - | - | - | - | - | - | Preston. |
| Huddersfield - | 102,454 | 46 | 30 | 14 | 4 | - | - | - | 1 | - | - | 7 | 1 | 1 | 2 | 2 | 15·3 | 4·1 | 66·0 | 46·2 | 55·0 | 12·78 | 0·35 | 0·89 | Huddersfield. |
| Halifax - - | 96,729 | 43 | 23 | 13 | 6 | - | - | 1 | 1 | 2 | - | 5 | - | - | 6 | - | 15·1 | 4·9 | - | - | - | - | - | - | Halifax. |
| Bradford - - | 233,737 | 118 | 97 | 38 | 16 | - | 1 | 1 | - | - | - | 27 | 2 | 7 | 13 | - | 21·6 | 6·5 | 69·4 | 49·8 | 57·7 | 14·28 | 0·44 | 1·12 | Bradford. |
| Leeds - - - | 416,618 | 278 | 176 | 90 | 23 | - | - | 2 | 4 | 3 | - | 50 | 7 | 18 | 10 | 1 | 22·0 | 7·4 | - | - | - | - | - | - | Leeds. |
| Sheffield - - | 356,478 | 226 | 189 | 106 | 31 | - | - | - | - | - | - | 75 | 2 | 5 | 15 | 4 | 27·7 | 11·0 | - | - | - | - | - | - | Sheffield. |
| Hull - - - | 229,887 | 177 | 123 | 73 | 15 | - | - | - | 1 | 2 | - | 50 | 2 | 4 | 19 | 1 | 27·9 | 12·0 | - | - | - | - | - | - | Hull. |
| Sunderland - | 143,849 | 115 | 102 | 55 | 14 | - | - | 1 | - | 3 | 2 | 35 | 1 | 2 | 8 | 1 | 37·0 | 14·9 | - | - | - | - | - | - | Sunderland. |
| Gateshead - - | 103,775 | 85 | 62 | 38 | 9 | 1 | - | - | - | - | 1 | 19 | - | - | 1 | - | 31·2 | 10·6 | - | - | - | - | - | - | Gateshead. |
| Newcastle - - | 223,021 | 133 | 126 | 55 | 22 | - | - | 1 | - | 2 | 2 | 23 | 5 | 12 | 17 | - | 29·5 | 6·5 | - | - | - | - | - | - | Newcastle. |

See note * on first page of this return.

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the THIRTY-FIFTH Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2508 | 2425 | 2614 | 2555 | 2462 | 2616 | 2704 | 2617 | 2651 | 2468 | 2696·0 | 2650 |
| Males - - | 1255 | 1240 | 1274 | 1261 | 1270 | 1325 | 1428 | 1328 | 1346 | 1259 | 1366·5 | 1371 |
| Females - | 1253 | 1185 | 1340 | 1294 | 1192 | 1291 | 1276 | 1289 | 1305 | 1209 | 1329·5 | 1279 |
| TOTAL **Deaths** - | 1342 | 1263 | 1659 | 1299 | 1356 | 1566 | 1198 | 1336 | 1369 | 1452 | 1456·4 | 1898 |
| Males - - | 683 | 660 | 883 | 679 | 689 | 821 | 622 | 692 | 746 | 748 | 760·1 | 977 |
| Females - - | 659 | 603 | 776 | 620 | 667 | 745 | 576 | 644 | 623 | 704 | 696·3 | 921 |

*The numbers in this column are the average weekly numbers in the thirty-fifth week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | June 11. | June 18. | June 25. | July 2. | July 9. | July 16. | July 23. | July 30. | Aug 6. | Aug. 13. | Aug. 20. | Aug. 27. | Sept. 3. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** - - - | 2646 | 2532 | 2385 | 2475 | 2502 | 2502 | 2505 | 2696 | 2335 | 2807 | 2489 | 2551 | 2650 |
| TOTAL **Deaths** - - - | 1411 | 1193 | 1257 | 1256 | 1232 | 1214 | 1330 | 1452 | 1586 | 1772 | 2019 | 1856 | 1898 |
| Ages at Death: Under 1 year - - | 294 | 276 | 306 | 305 | 301 | 305 | 385 | 493 | 592 | 800 | 915 | 886 | 887 |
| 1—5 years - - | 200 | 155 | 167 | 173 | 142 | 157 | 152 | 175 | 198 | 212 | 233 | 222 | 203 |
| 5—20 " - - | 83 | 68 | 74 | 86 | 63 | 78 | 79 | 71 | 85 | 72 | 61 | 64 | 83 |
| 20—40 " - - | 192 | 170 | 187 | 181 | 171 | 179 | 152 | 181 | 158 | 151 | 172 | 157 | 189 |
| 40—60 " - - | 288 | 259 | 244 | 248 | 281 | 220 | 249 | 248 | 262 | 235 | 283 | 236 | 259 |
| 60—80 " - - | 302 | 225 | 228 | 227 | 223 | 220 | 254 | 226 | 238 | 255 | 295 | 243 | 226 |
| 80 year and upwards | 52 | 40 | 51 | 36 | 51 | 55 | 59 | 58 | 53 | 47 | 60 | 48 | 51 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox - - - - - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Measles - - - - - | 74 | 50 | 43 | 48 | 28 | 23 | 22 | 23 | 14 | 31 | 18 | 20 | 11 |
| Scarlet Fever - - - | 10 | 10 | 8 | 12 | 8 | 8 | 8 | 7 | 8 | 10 | 17 | 7 | 5 |
| Diphtheria - - - - | 23 | 26 | 21 | 29 | 27 | 39 | 29 | 21 | 30 | 27 | 26 | 21 | 19 |
| Whooping-cough - - - | 51 | 44 | 39 | 42 | 41 | 40 | 38 | 30 | 29 | 34 | 32 | 32 | 29 |
| Typhus - - - - - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Enteric Fever - - - | 4 | 4 | 4 | 10 | 7 | 4 | 8 | 7 | 10 | 2 | 13 | 9 | 15 |
| Simple Continued Fever - | - | - | - | - | - | - | - | - | - | 1 | 1 | - | 1 |
| Diarrhœa and Dysentery .. | 22 | 12 | 17 | 22 | 25 | 52 | 69 | 138 | 227 | 328 | 433 | 463 | 431 |
| Cholera - - - - - - | - | - | - | - | - | 3 | 2 | 8 | 13 | 15 | 14 | 14 | 13 |
| All the above Diseases - | 184 | 146 | 132 | 163 | 136 | 169 | 176 | 234 | 331 | 448 | 554 | 566 | 524 |
| Dis. of Respiratory System - | 212 | 185 | 171 | 162 | 160 | 175 | 148 | 173 | 174 | 171 | 196 | 135 | 127 |
| Phthisis - - - - - | 156 | 134 | 140 | 149 | 150 | 126 | 148 | 133 | 124 | 139 | 115 | 107 | 144 |
| Dis. of Circulatory System - | 124 | 87 | 92 | 111 | 107 | 91 | 119 | 116 | 122 | 127 | 112 | 106 | 116 |
| Violence - - - - - | 88 | 53 | 71 | 56 | 56 | 55 | 64 | 80 | 73 | 61 | 67 | 73 | 60 |
| Inquest Cases - - - - | 166 | 106 | 112 | 126 | 112 | 119 | 127 | 164 | 139 | 131 | 139 | 150 | 124 |
| Deaths in Public Institutions - | 430 | 395 | 418 | 397 | 404 | 367 | 434 | 446 | 413 | 428 | 500 | 407 | 469 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean - - - - - - | 60°·2 | 55°·2 | 60°·5 | 59°·3 | 60°·0 | 61°·9 | 62°·8 | 61°·0 | 63°·8 | 61°·9 | 69°·5 | 65°·4 | 61°·1 |
| Mean of Highest readings - | 70·6 | 63·5 | 70·5 | 69·3 | 70·1 | 73·4 | 74·2 | 70·4 | 75·9 | 72·2 | 82·1 | 76·8 | 73·2 |
| Mean of Lowest readings - | 50·8 | 48·3 | 53·1 | 51·6 | 52·0 | 50·9 | 54·2 | 54·1 | 52·7 | 53·6 | 59·3 | 55·8 | 50·5 |
| Humidity of the Air - - | 78 | 76 | 74 | 75 | 71 | 68 | 74 | 76 | 69 | 76 | 69 | 73 | 67 |
| Rain-fall (in inches) - - | 0·32 | 0·01 | 0·47 | 0·84 | 0·00 | 0·02 | 0·45 | 0·72 | 0·06 | 0·56 | 0·03 | 0·14 | 0·08 |
| Registered Sunshine (in hours) | 41·1 | 32·3 | 39·3 | 45·6 | 40·4 | 52·0 | 36·1 | 25·6 | 58·4 | 35·6 | 61·0 | 45·1 | 60·7 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox - - - - - | 1 | 1 | – | – | – | – | – | – | 1 | 1 | 2 | 2 | 2 |
| Scarlet Fever - - - - | 2169 | 2194 | 2238 | 2205 | 2250 | 2314 | 2355 | 2321 | 2326 | 2293 | 2241 | 2178 | 2240 |
| Diphtheria - - - - | 1001 | 1018 | 999 | 976 | 1013 | 1033 | 1034 | 1022 | 1024 | 953 | 937 | 903 | 869 |
| Enteric Fever - - - - | 44 | 47 | 52 | 53 | 62 | 68 | 85 | 87 | 97 | 106 | 106 | 115 | 118 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton: A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and F. Boobbyer Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst.C.E., Bradford; and Mr. E. Peak, Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-FIFTH Week of the Year 1898.

| CAUSES OF DEATH. | Corrected Averages for the 35th Week of the 10 years 1888-97*. | In the Week ending Saturday, 3rd September 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| CAUSES - - - | 1456·4 | 1898 | 887 | 203 | 83 | 189 | 259 | 226 | 51 |
| all-pox { Vaccinated† - | 0·5 | - | - | - | - | - | - | - | - |
| all-pox { Unvaccinated | 0·7 | - | - | - | - | - | - | - | - |
| all-pox { No Statement | 0·1 | - | - | - | - | - | - | - | - |
| sles - - - - | 29·5 | 11 | 3 | 8 | - | - | - | - | - |
| let Fever - - - | 20·0 | 5 | - | 2 | 3 | - | - | - | - |
| hus - - - - | 0·1 | - | - | - | - | - | - | - | - |
| psing Fever - - | - | - | - | - | - | - | - | - | - |
| enza - - - - | 3·6 | 2 | - | - | - | - | - | 2 | - |
| oping-cough - - | 28·6 | 29 | 16 | 13 | - | - | - | - | - |
| ntheria - - | 35·3 | 19 | 3 | 12 | 4 | - | - | - | - |
| ple Continued and -defined Fever - | 0·3 | 1 | - | - | 1 | - | - | - | - |
| eric Fever - - - | 11·0 | 15 | - | - | 5 | 8 | 2 | - | - |
| lera and Chol. Diarr. | 5·6 | 13 | 11 | - | - | - | 1 | 1 | - |
| rrhœa, Dysentery - | 136·5 | 431 | 348 | 56 | 2 | 1 | 4 | 12 | 8 |
| ittent Fever - - | 0·2 | - | - | - | - | - | - | - | - |
| rophobia - - - | - | - | - | - | - | - | - | - | - |
| ders - - - - | - | - | - | - | - | - | - | - | - |
| pox and Effects of cination - - | 0·1 | - | - | - | - | - | - | - | - |
| ereal Affections - | 11·0 | 16 | 10 | 1 | 2 | - | 2 | 1 | - |
| ipelas - - - | 4·1 | 1 | - | - | - | - | - | 1 | - |
| mia and Septicæmia | 2·0 | - | - | - | - | - | - | - | - |
| rperal Fever - - | 5·2 | 4 | - | - | - | 4 | - | - | - |
| er Zymotic Diseases | 1·1 | 1 | 1 | - | - | - | - | - | - |
| ush - - - - | 1·7 | 1 | 1 | - | - | - | - | - | - |
| ms and other Parasitical Diseases - | 0·3 | - | - | - | - | - | - | - | - |
| vation, Want of east-milk - - | 2·0 | - | - | - | - | - | - | - | - |
| holism - - - | 8·9 | 9 | - | - | - | 2 | 6 | 1 | - |
| umatic Fever, eumatism of Heart | 7·2 | 9 | - | - | 3 | 4 | 2 | - | - |
| umatism - - - | 1·2 | 4 | - | - | - | 2 | 1 | 1 | - |
| t - - - - - | 2·3 | - | - | - | - | - | - | - | - |
| kets - - - - | 4·5 | 5 | 5 | - | - | - | - | - | - |
| cer - - - - | 67·8 | 80 | 1 | - | 1 | 11 | 34 | 32 | 1 |
| es Mesenterica - - | 36·5 | 44 | 27 | 9 | 6 | 2 | - | - | - |
| ercular Meningitis - | 23·6 | 35 | 15 | 15 | 4 | 1 | - | - | - |
| hisis - - - - | 146·0 | 144 | 2 | 2 | 9 | 60 | 60 | 11 | - |
| fula, Tuberculosis - | 20·7 | 21 | 8 | 4 | 5 | 3 | - | 1 | - |
| er Constitutional seases - - | 10·9 | 17 | 1 | 1 | 2 | 6 | 6 | 1 | - |
| nature Birth - - | 45·5 | 70 | 70 | - | - | - | - | - | - |
| ectasis - - - | 3·7 | 2 | 2 | - | - | - | - | - | - |
| genital Malformations - - - | 7·1 | 6 | 6 | - | - | - | - | - | - |
| Age - - - - | 38·5 | 34 | - | - | - | - | - | 17 | 17 |
| plexy - - - | 39·6 | 25 | 1 | - | - | 1 | 11 | 9 | 3 |
| lepsy - - - - | 6·9 | 7 | - | - | 1 | 3 | 2 | 1 | - |
| vulsions - - - | 41·8 | 33 | 32 | - | 1 | - | - | - | - |
| er Diseases of Brain d Nervous System | 72·1 | 85 | 23 | 12 | 4 | 10 | 13 | 22 | 1 |
| eases of Organs of pecial Sense - | 2·6 | 5 | 1 | 1 | 3 | - | - | - | - |

| CAUSES OF DEATH | Corrected Averages for the 35th Week of the 10 years 1888-97*. | In the Week ending Saturday, 3rd September 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 104·3 | 116 | 1 | 1 | 5 | 23 | 38 | 41 | 7 |
| Croup - - - - | 3·4 | - | - | - | - | - | - | - | - |
| Bronchitis - - - | 68·5 | 54 | 19 | 5 | 1 | 2 | 8 | 17 | 2 |
| Pneumonia - - - | 52·4 | 54 | 18 | 18 | 3 | 2 | 7 | 4 | 2 |
| Pleurisy - - - - | 4·9 | 3 | - | - | - | 2 | 1 | - | - |
| Other Diseases of Respiratory System - | 13·8 | 16 | 5 | 1 | 1 | 2 | 4 | 2 | 1 |
| Dentition - - - - | 7·1 | 8 | 5 | 3 | - | - | - | - | - |
| Quinsy, Sore Throat - | 1·5 | - | - | - | - | - | - | - | - |
| Enteritis - - - - | 45·0 | 200 | 147 | 30 | 5 | 6 | 6 | 6 | - |
| Peritonitis - - - | 6·8 | 3 | 1 | - | - | 2 | - | - | - |
| Diseases of Liver - - | 26·5 | 19 | 1 | - | - | 1 | 10 | 6 | 1 |
| Other Diseases of Digestive System | 36·9 | 27 | 12 | 2 | 1 | 2 | 4 | 6 | - |
| Diseases of Lymphatic System & of Ductless Glands - - - | 2·4 | 1 | 1 | - | - | - | - | - | - |
| Diseases of Urinary System - - - | 42·1 | 51 | - | - | 3 | 9 | 18 | 16 | 5 |
| Diseases of Generative System - - - | 5·6 | 4 | - | - | - | 3 | - | 1 | - |
| Accidents of Childbirth - | 5·2 | 2 | - | - | - | 1 | 1 | - | - |
| Diseases of Locomotive System - - - | 6·5 | 3 | - | - | 1 | - | - | 2 | - |
| Diseases of Integumentary System - - | 6·5 | 8 | 1 | - | - | - | 2 | 4 | 1 |
| VIOLENT DEATHS.‡ (ACCIDENT.) | | | | | | | | | |
| By Railways - - - | 50·9 | 1 | - | - | - | - | 1 | - | - |
| By Vehicles or Horses - | | 4 | - | - | 2 | - | 2 | - | - |
| In Ships, Boats, Docks, (exclusive of Drowning) - - - | | 1 | - | - | - | - | 1 | - | - |
| In Building Operations - | | 1 | - | - | - | 1 | - | - | - |
| In Conflagrations - | | - | - | - | - | - | - | - | - |
| By Burns, Scalds, Explosions - - - | | 3 | - | 1 | - | 1 | 1 | - | - |
| By Drowning - - - | | 9 | - | - | 3 | 1 | 3 | 2 | - |
| By Suffocation in Bed - | | 6 | 6 | - | - | - | - | - | - |
| By Poisons or Poisonous Vapours - - | | 4 | - | 1 | - | 2 | 1 | - | - |
| Other or not stated causes - - - - | | 18 | 2 | 1 | 2 | 5 | 4 | 2 | 2 |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - | 1·2 | 2 | 2 | - | - | - | - | - | - |
| Suicide - - - - | 7·8 | 11 | - | - | - | 6 | 1 | 4 | - |
| Execution - - - | 0·1 | - | - | - | - | - | - | - | - |
| OTHER CAUSES - - | 70·1 | 85 | 79 | 4 | - | - | 2 | - | - |

The numbers in this column are the average weekly deaths for the ten years 1888-97, raised by 5·230 per cent. for increase population.

Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered lical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the se of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of ident, murder manslaughter or suicide All such cases are classed under "accident.'

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 3rd September, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2650 | 1898 | 837 | 277 | - | 11 | 5 | 19 | 29 | - | 15 | 1 | 431 | 60 | 124 | 469 | 7 |
| WEST DISTRICTS - - - | 778,251 | 394 | 315 | 140 | 44 | - | 1 | 1 | 2 | 4 | - | 2 | 1 | 70 | 11 | 22 | 81 | - |
| NORTH DISTRICTS - - - | 1,040,694 | 541 | 397 | 177 | 65 | - | 6 | 1 | 5 | 1 | - | 5 | - | 86 | 16 | 27 | 78 | - |
| CENTRAL DISTRICTS - - - | 233,635 | 133 | 113 | 50 | 10 | - | - | - | - | 1 | - | 1 | - | 16 | 6 | 12 | 50 | - |
| EAST DISTRICTS - - - | 716,334 | 514 | 365 | 177 | 59 | - | 2 | - | 1 | 5 | - | 2 | - | 72 | 9 | 34 | 103 | - |
| SOUTH DISTRICTS - - - | 1,642,796 | 1068 | 686 | 343 | 93 | - | 2 | 2 | 11 | 18 | - | 5 | - | 187 | 17 | 29 | 135 | - |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | -- | - | 22 | - | 6 | - | - | 1 | - | - | - | - | - | - | 1 | - | 22 | - |
| **WEST DISTRICTS.** | | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 45 | 33 | 13 | 5 | - | 1 | - | - | - | - | 1 | - | 3 | 2 | 2 | 3 | - |
| St. John Paddington *H* - - G. | 33,510 | 6 | 8 | 5 | 2 | - | - | - | - | - | - | - | - | 2 | - | - | 4 | - |
| Kensington Town *Ww* - - W. | 122,164 | 59 | 47 | 20 | 7 | - | - | - | - | 1 | - | - | - | 8 | 1 | 3 | 14 | - |
| Brompton *HH*- - - W. & C. | 48,301 | 15 | 7 | 1 | 1 | - | - | - | - | - | - | - | - | 1 | - | 1 | 2 | - |
| St. Peter Hammersmith - - W. | 9,097 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Paul Hammersmith *HH* W. & G. | 25,102 | 59 | 46 | 21 | 7 | - | - | - | - | - | - | - | - | 13 | 1 | 2 | 4 | - |
| Fulham *Ww* - - - W. & C. | 113,781 | 93 | 76 | 45 | 3 | - | - | 1 | 2 | - | - | 1 | 1 | 24 | 3 | 7 | 13 | - |
| Chelsea Kensal Town - C. | 21,450 | 13 | 12 | 8 | 1 | - | - | - | - | - | - | - | - | 6 | - | 1 | - | - |
| Chelsea North *WHHHHH* - C. | 42,057 | 21 | 24 | 5 | 8 | - | - | - | - | 1 | - | - | - | 2 | - | 1 | 15 | - |
| Chelsea South *HH* - - C. | 33,139 | 14 | 14 | 4 | 3 | - | - | - | - | - | - | - | - | 3 | - | - | 4 | - |
| May Fair *W* - - - - G. | 23,827 | 4 | 9 | 1 | 3 | - | - | - | - | - | - | - | - | - | 1 | 1 | 8 | - |
| Belgrave *WHHH* - - - C. | 56,140 | 12 | 14 | 6 | 2 | - | - | - | - | - | - | - | - | 3 | 1 | 1 | 5 | - |
| St. John Westminster *HH* - C. | 31,492 | 17 | 11 | 6 | - | - | - | - | - | 2 | - | - | - | 1 | - | - | 1 | - |
| St. Margaret Westminster *H*- C. | 22,097 | 13 | 9 | 4 | 2 | - | - | - | - | - | - | - | - | 3 | 1 | 2 | 8 | - |
| St. James Westminster *WHH* N. & G. | 23,050 | 11 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 9 | 3 | 1 | - | - | - | - | - | - | - | - | - | 1 | 1 | 1 | - | - |
| **NORTH DISTRICTS.** | | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - - W. | 36,595 | 11 | 10 | 6 | 3 | - | - | - | - | - | - | - | - | 1 | - | - | 1 | - |
| Rectory Marylebone *W* G. & W. | 19,798 | 6 | 4 | 1 | 1 | - | - | - | - | - | - | - | - | - | 1 | 1 | 1 | - |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 24 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Christchurch Marylebone *H* - W | 32,547 | 11 | 6 | 4 | 1 | - | - | - | - | - | - | - | - | 1 | 1 | 1 | - | - |
| St. John Marylebone *HHH* W. | 32,611 | 14 | 5 | 3 | 2 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 29 | 23 | 8 | 5 | - | - | - | 3 | - | - | 2 | - | 1 | 1 | 2 | 6 | - |
| Regent's Park Pancras *HH* - W. | 37,341 | 16 | 9 | 5 | 1 | - | - | - | - | - | - | - | - | 2 | 1 | 1 | - | - |
| Tottenham-court *wHHHH* - N. & W. | 26,757 | 6 | 11 | 3 | 3 | - | - | - | - | - | - | - | - | 1 | - | - | 7 | - |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 23 | 14 | 8 | - | - | - | - | - | - | - | - | - | 1 | 2 | 3 | 4 | - |
| Somers Town *HH* - - - N. | 32,161 | 12 | 17 | 9 | - | - | - | - | - | - | - | - | - | 6 | - | - | 2 | - |
| Camden Town *WH* - - N. | 16,669 | 13 | 14 | 4 | 2 | - | - | - | - | - | - | - | - | 1 | 1 | 1 | 7 | - |
| Kentish Town *WW* - - N. | 98,410 | 52 | 35 | 13 | 7 | - | - | - | - | 1 | - | - | - | 8 | 1 | 1 | 8 | - |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 58 | 50 | 23 | 6 | - | 1 | - | - | - | - | - | - | 13 | - | 3 | 20 | - |
| Islington South-west *H* - N. | 107,365 | 67 | 45 | 20 | 4 | - | 3 | - | - | - | - | - | - | 11 | 2 | 4 | - | - |
| Islington South-east - - N. | 66,549 | 24 | 25 | 7 | 7 | - | 2 | - | - | - | - | 1 | - | 6 | 2 | 2 | - | - |
| Highbury *HH* - - - N. | 64,577 | 31 | 23 | 11 | 3 | - | - | 1 | - | - | - | - | - | 10 | - | - | - | - |
| Stoke Newington *H* - - N. | 33,485 | 11 | 5 | 2 | 1 | - | - | - | - | - | - | - | - | 1 | - | - | - | - |
| North Hackney - - E. & N. | 213,044 | 20 | 13 | 7 | 2 | - | - | - | - | - | - | - | - | 5 | - | - | - | - |
| Central Hackney *ww* - E. & N. | | 29 | 31 | 15 | 5 | - | - | - | 2 | - | - | 2 | - | 4 | 3 | 3 | 5 | - |
| South-west Hackney *HHH* E. & N. | | 41 | 34 | 16 | 8 | - | - | - | - | - | - | - | - | 6 | 1 | 3 | 7 | - |
| South-east Hackney *WwH* E. & N. | | 43 | 22 | 11 | 4 | - | - | - | - | - | - | - | - | 8 | - | 1 | 10 | - |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers are received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. The Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River E. East London; and K. the Kent Company.

* See note † on first page of this Return.

LE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday, 3rd September, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population. 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CENTRAL DISTRICTS. | | | | | | | | | | | | | | | | | | |
| George Bloomsbury - - N. | 16,110 | 8 | 3 | 2 | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - |
| Giles South *WH* - - N. | 12,976 | 12 | 11 | - | 5 | - | - | - | - | - | - | - | - | 3 | - | - | 7 | - |
| Giles North *H* - - - N. | 9,151 | 4 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - |
| Martin-in-the-Fields *HH* N. & C. | 13,077 | 5 | 7 | 3 | - | - | - | - | - | - | - | - | - | - | 1 | 2 | 5 | - |
| and *WHH* - - - - N. | 11,839 | 3 | 7 | 2 | - | - | - | - | - | - | - | - | - | - | - | 1 | 4 | - |
| *and Union Workhouse, Edmonton* | †*1,037* | - | 2 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | 2 | - |
| lborn *wHHHHHHH* - N. | 31,042 | 10 | 23 | 14 | - | - | - | - | - | - | - | - | - | 3 | 1 | 1 | 15 | - |
| James Clerkenwell - - N. | 15,777 | 9 | 4 | 3 | - | - | - | - | - | - | - | - | - | 2 | - | 1 | - | - |
| nwell Clerkenwell - - N. | 34,356 | 23 | 13 | 3 | 1 | - | - | - | - | 1 | - | - | - | 1 | 1 | 2 | - | - |
| swell-street - - - - N. | 16,069 | 16 | 7 | 6 | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - |
| y-road *HHHL* - - - N. | 29,897 | 24 | 15 | 10 | 1 | - | - | - | - | - | - | - | - | 3 | - | 1 | 4 | - |
| itecross-street - - - N. | 7,595 | 5 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| sbury - - - - - N. | 4,035 | - | 3 | 2 | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| *lborn Union Workhouse, Hitcham* - - - - | †*892* | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | |
| Botolph *H* - - N. & E. | 6,870 | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| pr legate - - - - N. | 3,299 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Sepulchre *WH* - - - N. | 9,591 | 3 | 11 | 2 | - | - | - | - | - | - | - | 1 | - | 2 | 3 | 3 | 10 | - |
| hallows Barking - - - N. | 9,059 | 5 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ad Street *H* - - - N. | 2,892 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| *y of London Asylum, Stone* - - | †*388* | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| EAST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| reditch South *Hl* - E. & N. | 17,975 | 13 | 6 | 3 | 1 | - | - | - | - | - | - | - | - | 3 | - | - | 2 | - |
| xton New Town *w* - - N. | 29,575 | 19 | 20 | 12 | 5 | - | - | - | - | - | - | - | - | 6 | - | 1 | 7 | - |
| xton Old Town - - - N. | 27,645 | 17 | 22 | 12 | 1 | - | - | - | - | - | - | - | - | 6 | - | - | - | - |
| ggerston *WH* - - N. & E. | 47,163 | 38 | 28 | 13 | 5 | - | - | - | - | - | - | - | - | 6 | 4 | 7 | 9 | - |
| thnal Green North *H* - E. | 49,301 | 31 | 18 | 9 | 4 | - | - | - | - | - | - | - | - | 5 | - | 4 | - | - |
| thnal Green South - - E. | 34,194 | 24 | 12 | 5 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| thnal Green East *WHl* - E. | 45,667 | 18 | 23 | 10 | 7 | - | - | - | - | 1 | - | - | - | 5 | 1 | 3 | 9 | - |
| talfields - - - E. & N. | 26,681 | 17 | 6 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| le End New Town *W* - E. | 12,816 | 14 | 13 | 6 | 2 | - | - | - | - | - | - | 1 | - | 2 | 1 | 3 | 7 | - |
| itechapel Church *H* - E. & N. | 25,561 | 21 | 30 | 8 | 1 | - | - | - | - | - | - | 1 | - | - | 1 | 2 | 24 | - |
| odman's Fields - - - E. | 13,618 | 2 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| George's North - - - E. | 39,576 | 37 | 22 | 12 | 2 | - | - | - | - | - | - | - | - | 5 | - | - | - | - |
| John, St. George East *W* E. | 7,930 | 4 | 7 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - | 6 | - |
| adwell *H* - - - E. & N. | 10,434 | 6 | 14 | 9 | 1 | - | 1 | - | - | - | - | - | - | 1 | - | - | 10 | - |
| tcliff *W* - - - - E. | 14,954 | 4 | 4 | 1 | 1 | - | - | - | - | - | - | - | - | 1 | - | - | - | - |
| nehouse - - - - E. | 32,917 | 19 | 11 | 8 | 2 | - | - | - | - | 2 | - | - | - | 6 | - | 1 | - | - |
| le End Old Town West *H* E. | 111,060 | 48 | 20 | 14 | 2 | - | - | - | - | - | - | - | - | 3 | - | 1 | - | - |
| le End Old Town East *WWww* - E. | | 33 | 24 | 7 | 7 | - | - | - | - | - | - | - | - | 4 | - | 3 | 10 | - |
| w *l* - - - - E. | 41,687 | 36 | 15 | 8 | 2 | - | 1 | - | - | 1 | - | - | - | 3 | - | 1 | 1 | - |
| omley *wwwH* - - - E. | 69,821 | 59 | 49 | 26 | 9 | - | - | - | 1 | 1 | - | - | - | 12 | - | 3 | 16 | - |
| plar *WW* - - - - E. | 57,759 | 47 | 19 | 9 | 1 | - | - | - | - | - | - | - | - | 4 | 2 | 4 | 2 | - |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 3rd September, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WH* L.&S. | 13,064 | 9 | 3 | 2 | – | – | – | – | – | – | – | – | – | – | 1 | 1 | – |
| St. Saviour Southwark - - S. | 12,301 | 7 | 4 | 4 | – | – | – | – | – | – | – | – | – | 2 | – | – | – |
| Kent-road - - - - S. & L. | 22,879 | 22 | 7 | 3 | – | – | – | – | – | – | – | – | – | 2 | – | 1 | – |
| Borough-road *WH* - S. & L. | 16,083 | 12 | 13 | 4 | – | – | – | – | – | 1 | – | – | – | 6 | – | – | 6 |
| London-road *HL* - - L. & S. | 21,316 | 16 | 8 | 4 | – | – | – | – | – | – | – | – | – | 3 | – | – | – |
| Trinity Newington - - S. & L. | 28,723 | 18 | 13 | 5 | 3 | – | – | – | – | 1 | – | – | – | 2 | – | – | – |
| St. Peter Walworth *W* - S. & L. | 62,045 | 51 | 25 | 14 | 2 | – | – | – | – | – | – | – | – | 13 | – | – | – |
| St. Mary Newington- - L. & S. | 30,171 | 21 | 5 | 2 | 1 | – | – | – | – | – | – | – | – | 1 | – | – | – |
| St. Olave *WH* - - - - S. | 11,731 | 9 | 32 | 3 | 3 | – | – | – | – | 2 | – | – | – | 1 | 4 | 4 | 24 |
| Bermondsey - - - - S. | 53,136 | 70 | 24 | 12 | 2 | – | – | – | 1 | – | – | – | – | 4 | 2 | 3 | – |
| Rotherhithe *WwH* - S. & K. | 40,379 | 25 | 18 | 7 | 4 | – | – | – | – | – | – | – | – | 1 | 2 | 2 | 4 |
| Waterloo-road *HH* - L. & S. | 28,396 | 26 | 13 | 9 | – | – | – | – | – | – | – | – | – | 5 | – | – | 1 |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 11 | 6 | 3 | – | – | – | – | – | – | – | – | – | 2 | 1 | 2 | 3 |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 31 | 27 | 12 | 7 | – | – | – | – | 1 | – | – | – | 6 | 1 | 1 | 13 |
| Kennington 1st *H* - - S. & L. | 52,486 | 31 | 17 | 10 | 2 | – | 1 | – | 1 | – | – | – | – | 2 | – | – | 1 |
| Kennington 2nd - - S. & L. | 43,244 | 22 | 9 | 3 | 2 | – | – | – | – | – | – | – | – | 3 | – | – | – |
| Brixton *w* - - - L. & S. | 81,825 | 40 | 38 | 23 | 3 | – | – | – | 4 | 2 | – | 1 | – | 8 | – | – | 3 |
| Norwood *WH* - - - - L. | 29,318 | 18 | 10 | 4 | 3 | – | – | – | – | – | – | – | – | 1 | – | – | – |
| East Battersea - - - - S. | 71,730 | 38 | 21 | 8 | 1 | – | – | – | 1 | 1 | – | – | – | 1 | – | 1 | – |
| West Battersea *WwH* - - S | 93,385 | 58 | 41 | 15 | 10 | – | – | – | – | 1 | – | – | – | 10 | – | 2 | 10 |
| Clapham *H* - - - - S. | 46,953 | 24 | 11 | 7 | 3 | – | – | – | – | 1 | – | – | – | 7 | – | – | – |
| Wandsworth *WHHL* - - S. | 58,101 | 28 | 24 | 16 | 1 | – | – | – | – | 1 | – | – | – | 11 | – | 2 | – |
| Putney - - - - - S. | 20,566 | 13 | 4 | 3 | – | – | – | – | – | 2 | – | – | – | – | – | 1 | – |
| Streatham *WwwL* - - L. | 61,644 | 34 | 21 | 13 | 2 | – | 1 | – | – | – | – | 1 | – | 8 | 1 | – | 1 |
| Dulwich - - - - L. & S. | 7,519 | 2 | 1 | – | 1 | – | – | – | – | – | – | – | – | 1 | – | – | – |
| Camberwell *Wwll* - S. & L. | 90,286 | 34 | 56 | 30 | 10 | – | – | 1 | – | – | – | – | – | 14 | 1 | 2 | 28 |
| Peckham *WW* - S., L., & K | 88,242 | 73 | 40 | 26 | 7 | – | – | – | – | – | – | – | – | 21 | – | 1 | 1 |
| St. George Camberwell - L. & S. | 67,029 | 42 | 12 | 7 | 1 | – | – | – | – | – | – | – | – | 2 | – | – | – |
| Deptford North - - - K. | 36,152 | 30 | 15 | 11 | 1 | – | – | – | – | – | – | – | – | 3 | 1 | 1 | – |
| Deptford Central *w* - - K. | 45,441 | 31 | 22 | 14 | – | – | – | 1 | 2 | 2 | – | 1 | – | 6 | – | – | 4 |
| Deptford South - - - K. | 33,402 | 18 | 5 | 4 | – | – | – | – | – | – | – | – | – | 1 | – | – | – |
| Greenwich West *H* - - K. | 23,012 | 23 | 13 | 8 | 1 | – | – | – | – | – | – | – | – | 4 | 1 | 1 | – |
| Greenwich East *WH* - - K. | 37 767 | 35 | 37 | 15 | 7 | – | – | – | – | 1 | – | – | – | 9 | 1 | 2 | 16 |
| Eltham *wH* - - - - K. | 5,911 | 3 | 2 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| Lee *H* - - - - - K. | 24,222 | 13 | 8 | 2 | 3 | – | – | – | – | – | – | – | – | 1 | – | – | – |
| Lewisham *WwH* - - - K. | 38,139 | 32 | 31 | 15 | 7 | – | – | – | 2 | – | – | – | – | 10 | – | – | 12 |
| Sydenham *H* - - - - L. | 37,601 | 30 | 8 | 5 | – | – | – | – | – | – | – | – | – | 2 | – | – | – |
| Charlton *wHH* - - K. | 15,928 | 4 | 10 | 5 | – | – | – | – | – | 1 | – | 2 | – | 4 | – | – | 3 |
| Woolwich Dockyard - - K. | 19,355 | 11 | 5 | 2 | – | – | – | – | – | – | – | – | – | 2 | – | – | – |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 14 | 11 | 7 | – | – | – | – | – | 1 | – | – | – | 3 | – | 1 | 1 |
| Plumstead West *H* - - K. | 16,714 | 7 | 4 | 2 | – | – | – | – | – | – | – | – | – | 1 | – | – | – |
| Plumstead East *WH* - - K. | 42,538 | 32 | 12 | 3 | 5 | – | – | – | – | – | – | – | – | 4 | 1 | 1 | 4 |
| Banstead Asylum - - - - | — | – | 5 | – | – | – | – | – | – | – | – | – | – | – | 1 | – | 5 |
| Caterham Asylum - - - - | — | – | 1 | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | 1 |
| Cane Hill Asylum - - - - | — | – | 6 | – | 3 | – | – | – | – | – | – | – | – | – | – | – | 6 |
| Hospital Ships and Camp, Dartford | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Darenth Asylum - - - - | — | – | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – | 3 |
| Hanwell Asylum - - - - | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | 1 |
| Colney Hatch Asylum - | — | – | 3 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 3 |
| N.E. Hospital - - - - | — | – | 1 | – | – | – | – | 1 | – | – | – | – | – | – | – | – | 1 |
| Winchmore Hill Hospital - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Leavesden Asylum - - - - | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | 1 |
| Claybury Asylum - - - - | — | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 |

BLE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 3rd September, 1898.

| Registration District and Sub-District Numbers. | REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years & upwds. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LONDON—OUTER RING - | 368,749 | 1,422,0[illegible]3 | 1003 | 766 | 445 | 96 | - | 4 | 1 | 7 | 21 | 3 | 242 | 11 | 32 | 47 | 3 |
| 30 : 1 | Carshalton *wHH* - - | 12,228 | 26,108 | 14 | 10 | 8 | 1 | - | - | - | - | - | - | 4 | - | 1 | - | - |
| 2 | Epsom, *part of** *WwHH* - | 10,423 | 12,508 | 5 | 5 | 1 | 3 | - | - | - | - | - | - | 1 | - | - | 4 | - |
| 37 : 1 | Godstone, *part of** *W* - | 2,754 | 1,598 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 38 : 1 | Croydon *WwHHH* - - | 20,851 | 128,699 | 73 | 65 | 37 | 7 | - | - | - | - | 3 | - | 21 | 1 | 4 | 5 | - |
| 2 | Mitcham *w* - - - | 11,697 | 23,088 | 12 | 10 | 7 | 1 | - | - | - | - | - | - | 3 | - | - | - | - |
| 39 : 1 | Wimbledon *HHH* - - | 3,220 | 25,761 | 13 | 16 | 10 | 4 | - | - | - | - | 1 | - | 7 | - | - | - | - |
| 2 | Kingston *W* - - - | 8,071 | 33,566 | 16 | 14 | 8 | 1 | - | - | - | - | - | - | 4 | - | - | 2 | - |
| 3 | Surbiton *H*- - - - | | 11,199 | 13 | 5 | 3 | 1 | - | - | - | - | - | - | - | 1 | - | 2 | - |
| 4 | Esher, *part of** *HH* - - | 6,601 | 12,059 | 2 | 6 | 3 | - | - | - | - | - | - | - | 1 | - | 1 | - | - |
| 5 | Hampton *HL* - - - | 4,565 | 18,252 | 13 | 5 | 4 | 1 | - | - | - | - | - | - | 1 | - | - | - | - |
| 40 : 1 | Richmond *WH*- - - | 2,160 | 25,389 | 13 | 8 | 2 | 1 | - | - | - | - | 1 | - | 1 | 1 | 1 | 2 | - |
| 2 | Mortlake *H* - - - | 2,823 | 16,159 | 11 | 9 | 7 | 1 | - | - | - | - | - | - | 3 | 1 | 1 | - | - |
| 41 : 1 | Bromley *HHH* - - - | 9,127 | 23,815 | 14 | 15 | 11 | 1 | - | 1 | - | - | 1 | 1 | 4 | - | - | - | - |
| 2 | Beckenham *H* - - - | 6,542 | 21,969 | 13 | 6 | 4 | 1 | - | - | - | - | - | - | 3 | - | - | - | - |
| 3 | Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 10 | 8 | 5 | - | - | - | - | - | - | - | 5 | - | 1 | 1 | - |
| 42 : 1 | Bexley *HHH* - - - | 12,540 | 30,590 | 22 | 35 | 24 | 4 | - | - | - | 1 | 2 | - | 18 | - | - | 1 | 1 |
| 2 | Dartford *WH, part of** - | — | — | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| 44 : 1 | Sunbury *w* - - - | 11,054 | 13,671 | 7 | 7 | 2 | 4 | - | - | - | - | - | - | 1 | - | 1 | - | - |
| 2 | Staines *WH* - - - | 13,277 | 13,221 | 4 | 7 | 3 | 2 | - | - | - | - | - | - | 2 | - | - | - | - |
| 45 : 1 | Hillingdon *WHH* - - | 6,035 | 12,237 | 8 | 5 | 2 | 1 | - | - | - | 2 | - | - | - | - | - | 3 | - |
| 2 | Uxbridge - - - - | 12,757 | 7,253 | 3 | 4 | 1 | 2 | - | - | - | - | - | - | 1 | - | - | - | - |
| 3 | Hayes *wH*- - - - | 7,952 | 11,051 | 12 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 46 : 1 | Isleworth *WHH* - - | 6,967 | 26,004 | 10 | 10 | 5 | 4 | - | - | - | - | - | - | 4 | - | - | 1 | - |
| 2 | Twickenham *HH* - - | 2,415 | 16,027 | 9 | 3 | 2 | 1 | - | - | - | - | 1 | - | - | - | - | - | - |
| 3 | Brentford *HHHH* - - | 4,318 | 37,777 | 18 | 16 | 8 | 5 | - | - | - | - | - | - | 3 | 1 | 1 | - | - |
| 4 | Chiswick - - - - | 1,245 | 21,963 | 25 | 17 | 9 | 6 | - | - | - | - | 1 | - | 4 | - | - | - | - |
| 5 | Acton *wHH* - - - | 6,132 | 30,945 | 27 | 20 | 13 | - | - | - | - | 1 | 1 | - | 11 | 1 | 1 | - | - |
| 47 : 1 | Harrow *HHH* - - - | 13,809 | 15,715 | 14 | 5 | 5 | - | - | - | - | - | - | - | 3 | - | - | - | - |
| 2 | Edgware *HH* - - - | 6,994 | 3,844 | 1 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Willesden *HHH* - - | 4,383 | 61,265 | 42 | 26 | 11 | 5 | - | - | - | - | - | - | 9 | 1 | - | - | 1 |
| 4 | Hendon *WH* - - - | 8,382 | 15,843 | 6 | 14 | 9 | 4 | - | - | - | - | 1 | - | 3 | - | 1 | 3 | - |
| 48 : 1 | South Mimms *HH* - - | 21,077 | 6,367 | 6 | 2 | 1 | - | - | - | - | - | - | - | 1 | - | - | - | - |
| 2 | Barnet *WHH* - - - | | 14,152 | 5 | 4 | 3 | - | - | - | - | - | - | - | 2 | - | - | - | - |
| 3 | Finchley *HHH*- - - | 4,688 | 25,820 | 15 | 9 | 6 | 1 | - | - | - | - | - | - | 2 | - | - | - | - |
| 49 : 1 | Hornsey *HH* - - - | 3,039 | 61,097 | 36 | 18 | 9 | 2 | - | - | - | 1 | - | - | 4 | - | - | - | - |
| 2 | Tottenham *HH*- - - | 4,642 | 97,174 | 68 | 59 | 37 | 5 | - | - | - | 1 | 2 | 2 | 19 | 2 | 7 | 2 | - |
| 3 | Edmonton *Www* - - | 7,489 | 36,351 | 18 | 37 | 20 | 3 | - | - | - | - | 1 | - | 22 | - | 1 | 3 | 1 |
| 4 | Enfield *WWHH* - - | 12,602 | 31,536 | 21 | 13 | 9 | - | - | - | - | - | - | - | 5 | - | - | - | - |
| 5 | Waltham Abbey - - - | 11,017 | 6,066 | 4 | 3 | 2 | 1 | - | - | - | - | - | - | 1 | - | - | - | - |
| 6 | Cheshunt *H* - - - | 8,480 | 9,620 | 12 | 6 | 4 | - | - | - | - | - | - | - | - | - | - | - | - |
| 55 : 1 | Hatfield, *part of** *W*- - | 3,306 | 582 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 57 : 1 | Bushey *H* - - - - | 9,331 | 7,737 | 4 | 1 | 1 | - | - | - | - | - | - | - | 1 | - | - | - | - |
| 2 | Watford *WH, part of** - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 66 : 1 | Stratford *H* - - - | 4,706 | 38,612 | 31 | 21 | 10 | 1 | - | - | - | - | - | - | 4 | - | 2 | 1 | - |
| 2 | Plaistow *WHHH* - - | | 58,030 | 49 | 30 | 17 | 4 | - | 1 | - | 1 | 2 | - | 7 | - | - | - | - |
| 3 | Canning Town *H* - - | | 54,750 | 57 | 45 | 25 | 1 | - | 1 | - | - | - | - | 11 | - | 4 | - | - |
| 4 | Forest Gate *w* - - - | | 53,511 | 32 | 18 | 9 | 3 | - | - | - | - | - | - | 3 | - | - | - | - |
| 5 | East Ham *wH*- - - | 3,266 | 32,713 | 68 | 37 | 27 | 4 | - | 1 | - | - | 1 | - | 8 | - | 2 | - | - |
| 6 | Leyton *WWWwH* - - | 4,334 | 70,188 | 51 | 46 | 25 | 4 | - | - | - | - | 2 | - | 8 | - | 1 | 10 | - |
| 7 | Walthamstow *HHL*- - | 6,501 | 57,330 | 50 | 37 | 21 | 3 | - | - | - | - | 1 | - | 15 | 2 | 2 | 2 | - |
| 67 : 1 | Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 7 | 7 | 7 | - | - | - | - | - | - | - | 6 | - | - | 1 | - |
| 2 | Epping *WH, part of**- - | — | — | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | - |
| 69 : 1 | Romford, *part of** *WH* - | 6,556 | 4,324 | 3 | 2 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| 2 | Ilford - - - - - | 8,493 | 10,913 | 20 | 8 | 3 | 2 | - | - | - | - | - | - | 2 | - | - | - | - |
| 3 | Barking Town, *H* - - | 3,814 | 14,301 | 15 | 5 | 3 | - | - | - | - | - | - | - | 4 | - | - | - | - |
| | London Fever Hospital, Islington. | — | — | - | 1 | - | - | - | - | 1 | - | - | - | - | - | - | 1 | - |

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring re as follows:—30 : 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37 : 1, the parishes of Warlingham nd Farley in Godstone sub-district; 39 : 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41 : 3, Chislehurst ub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135 : 1, the parish of Northaw in atfield sub-district; 187 : 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping pop. 1,079); 189 : 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for nfectious Diseases belonging to the Outer Ring in 42 : 2, Dartford; 137 : 2, Watford: and 187 : 2. Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 3rd September, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | Annual Rate of Mortality per 1000 living. From All Causes. | Annual Rate of Mortality per 1000 living. From Diseases in Cols. 8-14. | Deaths from All Causes. | The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Deaths in Public |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. | 16 |
| GREATER LONDON | **443,421** | **6,408,321** | **21·7** | **6·4** | **2664** | **1332** | **373** | **–** | **15** | **6** | **26** | **50** | **19** | **673** | **71** | **51** |
| INNER LONDON - | 74,672 | 4,504,766 | 22·0 | 5·9 | 1898 | 887 | 277 | – | 11 | 5 | 19 | 29 | 16 | 431 | 60 | 46 |
| OUTER RING - | 368,749 | 1,903,555 | 21·0 | 7·6 | 766 | 445 | 96 | – | 4 | 1 | 7 | 21 | 3 | 242 | 11 | 4 |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent to the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

| CITIES. | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of Stillborn | DEATHS. Exclusive of Stillborn | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM PRINCIPAL ZYMOTIC DISEASES. Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœal Diseases. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 295,628 | September 3 | 151 | 103 | 18·2 | – | 1 | 3 | – | 1 | 1 | 1 |
| GLASGOW - - | 724,349 | „ 3 | 445 | 270 | 19·4 | – | 1 | 2 | 1 | 13 | 5 | 3 |
| DUBLIN - - | 349,594 | „ 3 | 244 | 185 | 27·6 | – | 1 | – | – | 4 | 1 | 3 |
| CALCUTTA - - | 466,460 | July 23 | – | – | – | – | – | – | – | – | – | – |
| BOMBAY - - | 821,764 | August 16 | 228 | 702 | 44·4 | – | – | ? | ? | ? | 172† | 8 |
| MADRAS - - | 452,518 | „ 5 | 424 | 461 | 52·9 | – | 12 | ? | ? | ? | 129 | 12 |
| PARIS - - - | 2,511,629 | „ 27 | 1097 | 1206 | 24·8 | 1 | 8 | 2 | 2* | 5 | 6 | 34 |
| BRUSSELS - - | 531,024 | „ 27 | 224 | 214 | 20·2 | – | 1 | 1 | 1* | – | 1 | 6 |
| AMSTERDAM - | 508,266 | „ 20 | 300 | 222 | 22·7 | – | 5 | – | 2 | 2 | 1 | |
| ROTTERDAM - | 301,816 | „ 20 | 187 | 168 | 28·6 | – | 4 | – | 1 | 1 | 1 | |
| THE HAGUE - | 196,325 | „ 20 | 114 | 78 | 20·7 | – | 2 | – | 1 | 1 | 1 | – |
| COPENHAGEN - | 340,500 | „ 27 | 252 | 112 | 17·2 | – | – | – | – | 7 | 2 | 1 |
| STOCKHOLM - | 274,611 | „ 20 | 147 | 87 | 15·3 | – | – | – | 4* | 2 | 1 | |
| CHRISTIANIA - | 192,141 | „ 27 | 121 | 53 | 13·5 | – | – | – | – | – | – | |
| ST. PETERSBURG | 954,400 | „ 20 | 670 | 511 | 27·9 | – | 6 | 8 | 13 | 10 | 23 | 10 |
| MOSCOW - - | 988,610 | „ 20 | – | 599 | 31·6 | – | 8 | 3 | 13 | 3 | 8 | 21 |
| BERLIN - - | 1,753,775 | „ 13 | 951 | 671 | 19·7 | – | 16 | 2 | 4 | 12 | 4 | 14 |
| HAMBURG - - | 661,015 | „ 27 | – | 250 | 19·7 | – | 2 | – | 2* | 12 | 2 | 7 |
| DRESDEN - - | 377,500 | July 16 | – | 128 | 17·4 | – | 2 | – | 1* | 3 | – | 1 |
| BRESLAU - - | 392,795 | August 27 | – | 184 | 24·4 | – | – | 1 | 1 | 1 | 1 | 6 |
| MUNICH - - | 430,000 | „ 27 | – | 266 | 32·2 | – | – | 2 | 6* | 2 | – | 9 |
| VIENNA - - | 1,574,129 | „ 27 | 843 | 586 | 19·2 | – | 3 | 2 | 7* | 2 | – | 14 |
| PRAGUE - - | 377,109 | „ 20 | 203 | 171 | 23·4 | – | 2 | 10 | 4 | – | 2 | |
| BUDA-PESTH - | 648,104 | „ 20 | 398 | 291 | 21·1 | – | 6 | 3 | 2 | – | 2 | 5 |
| TRIESTE - - | 164,491 | „ 20 | 104 | 106 | 33·0 | – | – | 3 | – | 1 | 4 | 3 |
| ROME - - - | 489,965 | July 23 | 199 | 146 | 15·5 | – | – | 1 | 1 | 1 | 5§ | 3 |
| TURIN (10 days) | 344,203 | „ 30 | – | – | – | – | – | – | – | – | – | – |
| VENICE - - | 167,074 | August 13 | 83 | 61 | 19·0 | – | 1 | – | 1* | – | 2 | 1 |
| CAIRO - - | 570,062 | June 17 | – | – | – | – | – | – | – | – | – | |
| ALEXANDRIA - | 319,766 | „ 17 | – | – | – | – | – | – | – | – | – | |
| NEW YORK (including BROOKLYN) | 3,438,899 | August 13 | 1763 | 1522 | 23·1 | – | 4 | 3 | 15 | 25 | 13 | 34 |
| PHILADELPHIA - | 1,240,266 | „ 13 | – | 443 | 18·6 | – | – | – | 2 | 3 | 13 | |

* Including deaths from croup.
† Including 101 deaths from bubonic fever in Bombay.
‡ Including 38 deaths from cholera in Madras.
§ Including 3 deaths from malarial fever.

| 1898. Month and Day. | | Phases of the Moon. | Barometer. Mean daily reading (corrected and reduced to 32° Fahrenheit). | Temperature. Of the Air. Highest. | Temperature. Of the Air. Lowest | Temperature. Of the Air. Daily Range. | Temperature. Of the Air. Mean daily value. | Temperature. Of the Air. Departure from Average of 50 years. | Temperature. Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Difference. Greatest. | Difference. Least. | Degree of Humidity (Saturation equals 100). | Temperature. Of Radiation. Highest in Sun's Rays. | Temperature. Of Radiation. Lowest on the Grass. | Temperature. Of the Earth 3 feet below the Surface. | Wind as deduced from Anemometers. Osler's. General Direction. A.M. | Wind. Osler's. General Direction. P.M. | Wind. Osler's. Pressure on the Square Foot. Greatest. | Wind. Osler's. Pressure. Least. | Wind. Osler's. Pressure. Mean of 24 hourly obs. | Wind. Robinson's. Horizontal Movement of the Air on each Day. | Wind. Robinson's. Departure from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| AUGUST | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUNDAY - | 28 | .. | 29·803 | 73·1 | 50·9 | 22·2 | 59·5 | − 1·1 | 50·6 | 8·9 | 22·3 | 1·0 | 72 | 137·0 | 45·5 | 64·30 | WSW. | WSW. | 10·0 | 0·0 | 0·8 | 403 | +162 | 0·03 | 0·0 |
| MONDAY - | 29 | Perigee | 29·806 | 65·5 | 48·3 | 17·2 | 57·0 | − 3·3 | 49·7 | 7·3 | 14·6 | 1·0 | 77 | 120·3 | 44·3 | 63·80 | WSW. & SW. | SSW. | 7·0 | 0·0 | 0·6 | 362 | +118 | 0·05 | 0·0 |
| TUESDAY - | 30 | .. | 29·713 | 76·7 | 56·7 | 20·0 | 65·8 | + 5·7 | 54·8 | 11·0 | 20·1 | 3·2 | 68 | 130·0 | 51·9 | 63·45 | WSW. | WSW. & SW. | 7·7 | 0·0 | 1·5 | 522 | +275 | 0·00 | 0·0 |
| WEDNESDAY | 31 | Full | 29·971 | 68·0 | 51·8 | 16·2 | 58·4 | − 1·5 | 46·1 | 12·3 | 19·6 | 5·7 | 64 | 111·8 | 44·0 | 63·10 | W. & NW. | NNW. | 9·1 | 0·0 | 0·9 | 408 | +158 | 0·00 | 0·0 |
| SEPTEMBER THURSDAY- | 1 | In Equator | 30·183 | 70·0 | 44·0 | 26·0 | 53·9 | − 2·8 | 43·7 | 13·2 | 23·6 | 1·3 | 61 | 114·9 | 37·9 | 63·00 | SW. & N. | N., NW. & SW. | 0·9 | 0·0 | 0·0 | 133 | −120 | 0·00 | 0·0 |
| FRIDAY - | 2 | .. | 30·174 | 76·0 | 46·6 | 29·4 | 61·6 | + 1·9 | 47·5 | 14·1 | 24·8 | 2·5 | 60 | 133·3 | 42·2 | 62·74 | SSW. & SW. | WSW. | 2·2 | 0·0 | 0·1 | 255 | − 1 | 0·00 | 0·0 |
| SATURDAY- | 3 | .. | 30·200 | 82·9 | 55·3 | 27·6 | 68·6 | + 9·0 | 56·5 | 12·1 | 23·8 | 0·4 | 65 | 133·5 | 50·8 | 62·56 | WSW. | W., NNW. & NE. | 1·5 | 0·0 | 0·0 | 193 | − 65 | 0·00 | 0·0 |
| MEANS - - | | | 29·979 | 73·2 | 50·5 | 22·7 | 61·1 | + 1·1 | 49·8 | 11·3 | 21·3 | 2·2 | 67 | 125·8 | 45·2 | 63·28 | WSW. & NW. | | .. | .. | .. | Sum 2276 | Sum +527 | Sum 0·08 | 0·0 |
| No. of Column - | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| Date. | | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | General Remarks. |
|---|---|---|---|---|---|
| AUGUST | | | | | |
| SUNDAY - | 28 | w. P. till 7h. P.M.; v. N. and v. P. afterwards. | 11·9 | 13·8 | Very fine and partially cloudy till 7h. P.M.; overcast and showery afterwards. |
| MONDAY - | 29 | w. P. throughout - | 2·6 | 13·7 | Fine and partially cloudy in morning; overcast afterwards. Showery after 4h. P.M. Gusty wind in afternoon. |
| TUESDAY - | 30 | w. P. throughout - | 9·6 | 13·7 | A very fine day; partially cloudy. Brisk wind at times. Slight rain in evening. |
| WEDNESDAY | 31 | w. P. in morning, v. P. afterwards. | 7·9 | 13·6 | Cloudy and windy in early morning; very fine throughout the day, but partially cloudy till evening; cloudless at night. |
| SEPTEMBER THURSDAY- | 1 | m. P. in morning; v. P. afterwards. | 8·3 | 13·5 | Very fine; partially cloudy. |
| FRIDAY - | 2 | v. P. throughout - | 10·8 | 13·5 | A very fine day; the amount of cloud was generally small. |
| SATURDAY- | 3 | m. P. in morning; v. P. afterwards. | 9·6 | 13·4 | Cloudy in early morning; very fine and generally cloudless after 8h. A.M. |
| | | | Sum 60·7 | Sum 95·2 | |
| No. of Col. - | - | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer increased from 29·72 in. at the beginning of the week to 29·89 in. by noon on the 29th of August; decreased to 29·59 by 11h. P.M. on the same day; increased to 29·74 in. by noon on the 30th; decreased to 29·64 in. by midnight on the same day; increased to 30·20 in. by 9h. A.M. on the 2nd of September; decreased to 30·14 in. by 3h. P.M. on the same day; and increased to 30·22 in. by the end of the week.

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1898.

OFFICIAL COPY.

# WEEKLY RETURN

OF

# BIRTHS AND DEATHS IN LONDON

AND IN

# THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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No. 36. 1898. VOL. LIX.] WEEK ENDING SATURDAY, SEPT. 10. [Price 1½*d*.

*General Register Office, Somerset House,*
*September 12th*, 1898.

## THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 24·6 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS. | Weeks ending | | | | TOWNS. | Weeks ending | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Aug. 20. | Aug. 27. | Sept. 3. | Sept. 10. | | Aug. 20. | Aug. 27. | Sept. 3. | Sept. 10. |
| **33 Great Towns** | **22·0** | **23·2** | **24·4** | **24·6** | Leicester - - | 17·7 | 24·0 | 26·2 | 23·5 |
| Birkenhead - | 18·0 | 29·0 | 22·1 | 23·0 | Liverpool - - | 31·1 | 30·9 | 30·9 | 29·7 |
| Birmingham - | 24·1 | 24·4 | 29·5 | 23·1 | London - - - | 23·4 | 21·5 | 22·0 | 23·2 |
| Blackburn - | 20·7 | 22·3 | 25·0 | 31·3 | Manchester - - | 22·6 | 24·4 | 30·0 | 30·3 |
| Bolton - - | 22·6 | 24·3 | 31·1 | 24·7 | Newcastle-on-Tyne | 18·2 | 26·7 | 29·5 | 33·9 |
| Bradford - | 16·3 | 18·3 | 21·6 | 21·9 | Norwich - - | 14·5 | 21·0 | 28·0 | 27·5 |
| Brighton - | 16·6 | 17·5 | 22·2 | 27·7 | Nottingham - - | 14·8 | 16·8 | 21·6 | 23·0 |
| Bristol - | 17·3 | 19·1 | 24·5 | 20·2 | Oldham - - | 12·7 | 16·5 | 17·2 | 17·2 |
| Burnley - | 12·4 | 22·4 | 18·1 | 21·9 | Plymouth - - | 16·3 | 24·2 | 18·9 | 27·4 |
| Cardiff - - | 17·3 | 18·2 | 19·1 | 16·4 | Portsmouth - - | 21·5 | 20·1 | 17·3 | 17·3 |
| Croydon - | 18·0 | 21·0 | 21·8 | 26·8 | Preston - - | 26·4 | 32·3 | 30·9 | 30·5 |
| Derby - - | 19·4 | 28·8 | 23·4 | 23·4 | Salford - - - | 23·9 | 28·8 | 36·7 | 35·5 |
| Gateshead - | 16·1 | 21·6 | 31·2 | 30·1 | Sheffield - - | 26·9 | 30·5 | 27·7 | 24·6 |
| Halifax - | 8·6 | 17·8 | 15·1 | 18·9 | Sunderland - - | 22·1 | 35·2 | 37·0 | 35·5 |
| Huddersfield- | 13·7 | 13·7 | 15·3 | 19·8 | Swansea - - | 13·8 | 16·9 | 18·4 | 17·4 |
| Hull - - | 19·3 | 27·9 | 27·9 | 30·2 | West Ham - - | 20·4 | 20·4 | 21·6 | 19·5 |
| Leeds - - | 24·7 | 25·7 | 22·0 | 23·5 | Wolverhampton - | 24·3 | 38·5 | 36·7 | 30·2 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were :—from *measles*, 2·1 in Plymouth ; from *scarlet fever*, 1·8 in Wolverhampton ; from *whooping-cough*, 1·8 in Sunderland ; and from *diarrhœa*, 5·0 in London, 5·3 in Birmingham, 5·8 in Liverpool and in Leeds, 6·2 in Nottingham, 6·3 in Plymouth and in Bristol, 6·5 in Gateshead, 7·1 in Burnley, 7·2 in Newcastle-on-Tyne, 7·7 in Leicester, 7·9 in Norwich and in Sheffield, 8·7 in Salford, 9·1 in Manchester, 9·4 in Brighton, 9·6 in Croydon, 10·2 in Blackburn, 10·7 in Wolverhampton, 11·5 in Bolton, 11·8 in Hull, 12·5 in Preston, and 13·0 in Sunderland. In none of the thirty-three towns did the death-rate from "*fever*" reach 1·0 per 1000. The 62 deaths from *diphtheria* included 30 in London, 5 in Manchester, 5 in Leeds, 4 in Swansea, and 3 in Birkenhead. No death from *small-pox* was registered in any of the thirty-three towns.

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

## London.

In London* 2446 births and 2007 deaths were registered. Allowing for increase of population, the births were 178 below, and the deaths 600 above, the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 23·4, 21·5, and 22·0 in the preceding three weeks, further rose last week to 23·2. During the four weeks ending on Saturday last the death-rate averaged 22·5 per 1000, being 4·9 per 1000 above the mean rate in the corresponding periods of the ten years 1888–97.

The 2007 deaths included 16 from measles, 8 from scarlet fever, 30 from diphtheria, 40 from whooping-cough, 19 from enteric fever, 433 from diarrhœa and dysentery, 13 from cholera and choleraic diarrhœa, and not one death from small-pox, from typhus, or from any ill-defined form of continued fever; thus, 559 deaths were referred to these diseases, being 311 above the corrected average weekly number.

The deaths from *measles*, which had been 18, 20, and 11 in the preceding three weeks, rose again last week to 16, but were 9 below the corrected average; 3 cases belonged to Bethnal Green sanitary area. The deaths from *scarlet fever*, which had been 17, 7, and 5 in the preceding three weeks, rose again last week to 8, but were 13 below the corrected average; 3 cases belonged to Bermondsey, and 3 to Greenwich sanitary areas. The deaths from *diphtheria*, which had been 26, 21, and 19 in the preceding three weeks, rose again last week to 30, but were 5 below the corrected average; 4 cases belonged to Lambeth, 3 to St. Pancras, and 3 to Clerkenwell sanitary areas. The deaths from *whooping-cough*, which had been 32, 32, and 29 in the preceding three weeks, rose again last week to 40, and were 9 above the corrected average; 6 cases belonged to Camberwell, and 5 to Wandsworth sanitary areas. The fatal cases of *enteric fever*, which had been 13, 9, and 15 in the preceding three weeks, further rose last week to 19, and were 4 above the corrected average; 3 cases belonged to Greenwich, 2 to St. Pancras, and 2 to Shoreditch sanitary areas. The deaths from *diarrhœa*, which had been 433, 463, and 431 in the preceding three weeks, were 433 last week, exceeding the corrected average by 317. Of the 433 deaths from diarrhœa, 414 were of children under 5 years of age; 152 more deaths at this age-period were described as due to *gastro-enteritis*, and are included under the heading enteritis in Table 4. The deaths referred to diseases of the respiratory organs, which had been 196, 135, and 127 in the preceding three weeks, rose again last week to 130, but were 18 below the corrected average. The deaths attributed directly to *influenza* numbered 2, having been 3, 3, and 2 in the preceding three weeks.

Different forms of violence caused 71 deaths, concerning all but 7 of which inquests were held. Of these 71 deaths, 3 were cases of suicide, while the remaining 68 were attributed to accident or negligence. Eleven of these were referred to vehicles in the streets, 5 to drowning, 10 to sunstroke, and 6 (of infants under one year of age) to suffocation in bed.

### Cases of Infectious Sickness in Hospitals.†

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 3 cases of small-pox, 2300 of scarlet fever, 893 of diphtheria, and 119 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 273 cases, against 187, 182, and 238; of diphtheria, 144 cases, against 113, 100, and 117; and of enteric fever, 25 cases, against 18, 21, and 23.

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* Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

† The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.

## Greater London.

In Greater London 3497 births and 2762 deaths were registered, corresponding to annual rates of 28·5 and 22·5 per 1000 of the estimated population. In the Outer Ring 2 deaths from measles, 10 from diphtheria, 20 from whooping-cough, 3 from "fever," and 243 from diarrhœal diseases (including cholera) were registered. Ten deaths from whooping-cough and 63 from diarrhœal diseases occurred in West Ham district; 4 deaths from diphtheria and 34 from diarrhœal diseases occurred in Edmonton district.

## Meteorology.

The mean reading of the Barometer last week at Greenwich was 29·95 inches, and that of the Thermometer 70·4; the latter being 11·5 above the week's average in the 50 years 1841–90. The direction of the wind was variable, the horizontal movement of the air being 30 per cent. below the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 59·7 hours; no rain was measured during the week.

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## Returns of London Water Companies.

The London Water Companies have been good enough to furnish the following account of the number of services and the average daily amount of water supplied during the month of August 1898. The supply was in the ratio of 260 gallons to one service.

| Companies. | Number of Services. | | Daily Supply of Water in Gallons. | |
|---|---|---|---|---|
| | August, 1897. | August, 1898. | August, 1897. | August, 1898. |
| Total Supply | 847,934 | 865,200 | 225,578,869 | 224,713,135 |
| From Thames | 408,693 | 416,042 | 119,964,285 | 122,399,328 |
| From Lea and from other Sources | 439,241 | 449,158 | 105,614,584 | 102,313,807 |
| **Thames.** | | | | |
| Chelsea | 37,620 | 38,003 | 12,890,546 | 12,530,760 |
| West Middlesex | 81,392 | 82,696 | 21,733,218 | 22,870,405 |
| Southwark and Vauxhall | 120,795 | 121,925 | 37,273,673 | 35,928,092 |
| Grand Junction | 61,644 | 62,917 | 21,710,632 | 21,690,023 |
| Lambeth | 107,242 | 110,501 | 26,356,216 | 29,380,048 |
| **Lea and other Sources.** | | | | |
| New River | 162,614 | 164,929 | 40,582,000 | 42,971,423 |
| East London | 190,922 | 195,894 | 47,913,607 | 40,656,000 |
| Kent | 85,705 | 88,335 | 17,118,977 | 18,686,384 |

*Note.*—The Return for August 1898, as compared with that for the corresponding month of 1897, shows an increase of 17,266 services and a decrease of 865,734 gallons of water supplied daily.

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## Analysis of Metropolitan Water Supply during August 1898.

*Water-analysis Laboratory, The Yews, Reigate,*
*1st September*, 1898.

Sir,

I have to report to you the results of the chemical analysis, and of the physical and bacterioscopic examination, of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of August.

At the request of the Associated Metropolitan Water Companies, I have extended these monthly examinations to (*a*) the bacterioscopic and chemical conditions of the raw river waters at the intakes of the various Companies, and (*b*) to the bacteriology of the water as it issues from the filter beds of each Company, and before it is pumped into the distributing mains.

I append, also, the results obtained in the analysis of the water supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill, of Birmingham, and Dr. Mills, of Glasgow.

## *Analysis of Metropolitan Waters.*

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

| | Companies or Local Authorities. | Date and Place of Collection. | Temperature in Centigrade degrees. | Total Solid Matter. | Organic Carbon. | Organic Nitrogen. | Ammonia. | Nitrogen as Nitrates and Nitrites. | Total Combined Nitrogen. | Chlorine. | Total Hardness. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Inner Circle. | THAMES. (Unfiltered water) - | August 5th, Grand Junction Co.'s intake at Hampton. | 19·3° | 25·96 | ·191 | ·035 | ·007 | ·103 | ·144 | 1·6 | 18·6 |
| | Chelsea - - - | August 9th, Cab Rank, Horse Guards, Whitehall. | 17·6 | 23·78 | ·098 | ·015 | 0 | ·123 | ·138 | 1·6 | 17·1 |
| | West Middlesex - | August 9th, Cab Rank, Riding House-street. | 14·8 | 23·96 | ·087 | ·013 | 0 | ·115 | ·128 | 1·6 | 17·4 |
| | Southwark - - | August 9th, Cab Rank, St. George's Church, Borough. | 16·6 | 23·96 | ·101 | ·015 | 0 | ·118 | ·133 | 1·6 | 17·4 |
| | Grand Junction - | August 9th, Cab Rank, Portman-street, Oxford-street. | 17·4 | 23·64 | ·082 | ·013 | 0 | ·125 | ·138 | 1·6 | 16·9 |
| | Lambeth - - - | August 9th, Cab Rank, St. George's-road, Southwark. | 18·0 | 23·66 | ·117 | ·020 | 0 | ·129 | ·149 | 1·6 | 16·9 |
| | LEA. (Unfiltered water) - | August 8th, New River Cut at Green Lanes. | 14·5 | 29·72 | ·115 | ·019 | ·006 | ·176 | ·200 | 1·7 | 20·9 |
| | New River - - | August 9th, Cab Rank, Tottenham Court-road. | 16·5 | 30·00 | ·049 | ·009 | 0 | ·158 | ·167 | 1·7 | 20·3 |
| | (Unfiltered water) - | August 8th, East London Co.'s intake at Angel-road. | 15·8 | 33·88 | ·206 | ·042 | ·005 | ·196 | ·242 | 1·9 | 21·8 |
| | East London - - | August 9th, Cab Rank, Sidney-street, E. | 15·9 | 31·18 | ·112 | ·013 | 0 | ·065 | ·078 | 2·3 | 19·1 |
| | DEEP WELLS. Kent - - - | August 9th, Police Station, Blackheath-road. | 13·0 | 39·50 | ·029 | ·004 | 0 | ·483 | ·487 | 2·2 | 26·6 |
| Outer Circle. | East London - - | August 12th, East Ham Well. | — | 43·62 | ·080 | ·013 | ·056 | ·017 | ·076 | 4·3 | 11·8 |
| | Corporation of Birmingham* - - - - | August 17th, Court at rear of Nos. 108 and 110, Brairston Street. | 16·7 | 31·20 | ·120 | ·030 | 0 | ·25 | ·280 | 2·6 | 19·5 |
| | Corporation of Glasgow† | August 15th, Loch Katrine water. | 15·9 | 2·76 | ·175 | ·011 | 0 | ·005 | ·016 | 0·7 | 1·3 |
| | Column 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. |

* Analysed by Dr. Alfred Hill, F.I.C., Medical Officer of Health and Analyst to the City.

† Analysed by Dr. E. J. Mills, F.R.S., of the Glasgow and West of Scotland Technical College.

All the numbers contained in columns 4, 5, 6, 7, 8, 9, 10, and 11, relate to 100,000 parts of the waters. The Table is to be read thus:—The Thames water collected on the 5th August at the Grand Junction Company's intake at Hampton had a temperature of 19·3° C.; 100,000 lbs. of it contained 25·96 lbs. of solid matter in solution; the organic substances, constituting a portion of this matter, contained ·191 lb. of carbon and ·035 lb. of nitrogen. The above quantity of water also contained ·007 lb. of ammonia and ·103 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was ·144 lb. The above weight of water also contained 1·6 lb. of chlorine, and 18·6 lbs. of carbonate of lime, or an equivalent amount of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

Taking the average amount of organic impurity in a given volume of the Kent Company's water during the nine years ending December 1876, as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies, was:—Kent 0·6, New River 1·0, Grand Junction and East London (deep well) 1·6, West Middlesex 1·7, Chelsea 1·9, Southwark 2·0, East London (river supply) 2·1, and Lambeth 2·3. The unfiltered waters contained the following proportions:—Thames at Hampton 3·8, New River Cut 2·3, and Lea at Angel Road 4·2.

The Thames at Hampton was, on August 5th, turbid and pale yellow in colour; it was, for raw river water, of excellent chemical and bacterial quality; the water supplied by the five Companies drawing from this river was, in every case, efficiently filtered before delivery, and was of excellent quality for dietetic and all domestic purposes. The bacterial improvement effected by these Companies is expressed by the following percentage numbers:—Chelsea 99·11, West Middlesex 97·93, Southwark (No. 4 filter) 99·41, (general supply from Hampton) 98·51, Grand Junction (general well at Hampton) 94·81, (general well at Kew Bridge) 98·96, (South well at Kew Bridge) 98·96, (general supply from Kew Bridge) 98·51, and Lambeth 95·11.

The New River Cut, before entering the storage and subsidence reservoirs of the New River Company, was, on August 8th, turbid and very pale yellow in colour. It was of excellent chemical and bacterial quality. After efficient filtration, it was delivered to consumers in most excellent chemical and bacterial condition. The bacterial improvement is expressed by the following percentage numbers:—No. 3 filter well 99·04, No. 8 filter well 99·28, and general filter well 99·64.

The water drawn from the Lea at Angel-road by the East London Company was, on August 8th, turbid and pale yellow in colour. It was of indifferent chemical and bad bacterial quality, but after storage and efficient filtration, it was delivered in excellent chemical and bacterial condition. The bacterial improvement is expressed by the following percentage numbers:—No. 1 Essex well 99·54, No. 2 Essex well 99·85, and Middlesex well 99·66.

The deep well water of the Kent Company was clear and bright without filtration, but that of the East London Company was very slightly turbid. Both waters were of excellent chemical quality, and that of the Kent Company possessed an extremely high degree of organic and bacterial purity.

Seen through a stratum two feet deep, the Kent water was clear and colourless, the East London (deep well) very slightly turbid and colourless, the New River clear and nearly colourless, and the remaining waters clear and very pale yellow.

The bacterioscopic examination of the river waters, before and after storage, and of the filtered supplies delivered by the various Companies, and collected on the 5th, 6th, 8th, and 9th of August yielded, after prolonged incubation, the results contained in the following Table:—

| Description. | Microbes per c.c. | Temp. C. |
|---|---|---|
| **Raw and Stored River Waters.** | | ° |
| River Thames at Hampton, August 5th | 1,350 | 19·3 |
| " " after storage for 12 days (Chelsea Company), August 5th | 110 | 18·4 |
| West Middlesex Company's water, from mixed storage, August 6th | 190 | 18·3 |
| Grand Junction Company's water at Kew Bridge, passing to filters, August 6th | 240 | 19·4 |
| New River Cut before passing through reservoirs, August 8th | 1,660 | 14·5 |
| " " " after " " " | lost | 16·2 |
| River Lea at Angel-road, August 8th | 11,800 | 15·8 |
| " " after storage (East London Company), August 8th | 1,520 | 16·4 |
| **Filtered River Waters as supplied.** | | |
| **Thames.** | | |
| Chelsea Company's general filter well, August 5th | 12 | 19·0 |
| West Middlesex Company's general filter well, August 6th | 28 | 18·5 |
| Southwark Company's No. 4 filter well, August 5th | 8 | 18·5 |
| " " tap on filtered water main at Hampton works, August 5th | 20 | 18·9 |
| Grand Junction Company's general filter well at Hampton, August 5th | 70 | 18·5 |
| " " " " " " Kew Bridge, August 6th | 14 | 18·8 |
| " " " South " " " " | 14 | 19·4 |
| " " " tap on filtered water main at Kew Bridge, August 6th | 20 | — |
| Lambeth Company's general filter well, August 5th | 66 | 18·8 |
| **Lea** | | |
| New River Company's general filter well, August 8th | 6 | 16·1 |
| " " " No. 3 " " " | 16 | 16·0 |
| " " " No. 8 " " " | 12 | 15·5 |
| East London Company's No. 1 Essex filters, August 8th | 54 | 15·8 |
| " " " No. 2 " " " | 18 | 15·2 |
| " " " Middlesex " " | 40 | 16·4 |
| **Deep-well.** | | |
| Kent Company's "New Well" at Deptford | 4 | 11·3 |

Dr. Hill, F.I.C., Medical Officer of Health for Birmingham, reports that the water supplied to that City was "clear and pale green."

Dr. Mills, F.R.S., of the Glasgow and West of Scotland Technical College, reports that the water supplied to that City from Loch Katrine was "light brown in colour, and contained a little suspended matter."

I am, &c.,

E. FRANKLAND.

The Registrar-General, &c., &c.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Registered during the Week ending 10th September 1898. Births. | Deaths. | The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Annual Rate per 1000, corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6–12. | Temperature of the Air. Highest. (Fahrenheit.) | Lowest. (Fahrenheit.) | Mean. Fahrenheit. | Centigrade. | Rainfall. In Inches. | In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18 | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| 33 Towns - | **11,218,378** | **6320** | **5287** | **2448** | **831** | - | **39** | **29** | **62** | **82** | **48** | **1318** | **146** | **294** | **882** | **42** | **24·6** | **7·3** | **92·1** | **47·8** | **66·6** | **19·22** | **0·02** | **0·05** | 33 Towns. |
| London - - | 4,504,766 | 2446 | 2007 | 929 | 317 | - | 16 | 8 | 30 | 40 | 19 | 433 | 71 | 135 | 470 | 10 | 23·2 | 6·3 | 92·1 | 56·1 | 70·4 | 21·33 | 0·00 | 0·00 | London. |
| West Ham - - | 286,054 | 200 | 107 | 67 | 9 | - | 1 | - | 2 | 4 | - | 27 | 2 | 5 | 14 | 5 | 19·5 | 6·2 | - | - | - | - | - | - | West Ham. |
| Croydon - - | 124,421 | 63 | 64 | 36 | 9 | - | - | - | 1 | 1 | - | 23 | 1 | 2 | 5 | - | 26·8 | 10·5 | 89·5 | 53·5 | 69·2 | 20·67 | 0·00 | 0·00 | Croydon. |
| Brighton - - | 122,310 | 58 | 65 | 31 | 11 | - | - | 1 | - | - | - | 22 | 1 | 2 | 9 | - | 27·7 | 9·8 | 81·4 | 58·2 | 68·0 | 20·00 | 0·00 | 0·00 | Brighton. |
| Portsmouth - | 186,618 | 103 | 62 | 22 | 10 | - | - | - | - | 1 | - | 10 | 3 | 3 | 10 | - | 17·3 | 3·1 | 80·0 | 57·5 | 67·2 | 19·56 | 0·00 | 0·00 | Portsmouth. |
| Plymouth - - | 99,136 | 67 | 52 | 15 | 16 | - | 4 | - | - | - | - | 12 | - | - | 9 | - | 27·4 | 8·4 | - | - | - | - | - | - | Plymouth. |
| Bristol - - | 316,900 | 189 | 123 | 58 | 18 | - | 1 | - | 5 | 2 | - | 38 | 2 | 8 | 16 | - | 20·2 | 7·6 | 82·0 | 51·0 | 65·7 | 18·72 | 0·00 | 0·00 | Bristol. |
| Cardiff - - | 177,770 | 107 | 56 | 34 | 5 | - | - | - | 2 | - | 1 | 13 | - | 1 | 4 | - | 16·4 | 4·7 | - | - | - | - | - | - | Cardiff. |
| Swansea - - | 102,001 | 60 | 34 | 12 | 9 | - | - | - | 4 | 1 | - | 2 | 1 | 2 | 3 | 2 | 17·4 | 3·6 | - | - | - | - | - | - | Swansea. |
| Wolverhampton | 88,051 | 66 | 51 | 26 | 8 | - | - | 3 | - | - | - | 18 | 1 | 4 | 7 | - | 30·2 | 12·4 | 80·3 | 47·8 | 64·1 | 17·83 | 0·00 | 0·00 | Wolverhampton |
| Birmingham - | 510,343 | 322 | 226 | 106 | 28 | - | - | 1 | - | 7 | 3 | 52 | 2 | 11 | 34 | 2 | 23·1 | 6·4 | - | - | - | - | - | - | Birmingham. |
| Norwich - - | 111,629 | 56 | 59 | 29 | 12 | - | 2 | 1 | - | 2 | 1 | 17 | 1 | 2 | 3 | - | 27·5 | 10·7 | 89·0 | 50·0 | 66·7 | 19·28 | 0·00 | 0·00 | Norwich. |
| Leicester - - | 208,662 | 120 | 94 | 48 | 20 | - | - | 1 | - | - | 2 | 31 | 2 | 4 | 12 | 1 | 23·5 | 8·5 | - | - | - | - | - | - | Leicester. |
| Nottingham - | 236,137 | 130 | 104 | 46 | 16 | - | 1 | 1 | - | - | 1 | 28 | 3 | 4 | 9 | 1 | 23·0 | 6·8 | 86·6 | 49·8 | 66·8 | 19·33 | 0·00 | 0·00 | Nottingham. |
| Derby - - - | 104,834 | 57 | 47 | 21 | 13 | - | - | 1 | - | 1 | 1 | 9 | 2 | 4 | 7 | - | 23·4 | 6·0 | - | - | - | - | - | - | Derby. |
| Birkenhead - | 113,189 | 57 | 50 | 23 | 6 | - | - | 1 | 3 | 1 | - | 8 | - | 2 | 8 | - | 23·0 | 6·0 | - | - | - | - | - | - | Birkenhead. |
| Liverpool - - | 633,645 | 370 | 361 | 128 | 47 | - | 1 | 2 | 1 | 5 | 6 | 71 | 9 | 16 | 65 | 9 | 29·7 | 7·1 | 78·3 | 53·5 | 64·5 | 18·06 | 0·16 | 0·41 | Liverpool. |
| Bolton - - | 122,495 | 81 | 58 | 35 | 5 | - | - | - | - | - | - | 27 | - | 3 | 3 | - | 24·7 | 11·5 | - | - | - | - | - | - | Bolton. |
| Manchester - | 539,079 | 331 | 313 | 158 | 39 | - | 5 | 1 | 5 | 3 | 1 | 94 | 11 | 15 | 52 | 1 | 30·3 | 10·5 | - | - | - | - | - | - | Manchester. |
| Salford - - | 215,702 | 113 | 147 | 68 | 24 | - | - | 2 | - | 2 | 1 | 36 | 5 | 7 | 17 | 1 | 35·5 | 9·9 | - | - | - | - | - | - | Salford. |
| Oldham - - | 148,288 | 83 | 49 | 24 | 9 | - | - | 2 | - | - | - | 14 | 1 | 2 | 8 | - | 17·2 | 5·6 | - | - | - | - | - | - | Oldham. |
| Burnley - - | 109,546 | 44 | 46 | 25 | 10 | - | - | 1 | - | - | 1 | 15 | 2 | 3 | 2 | - | 21·9 | 8·1 | - | - | - | - | - | - | Burnley. |
| Blackburn - - | 133,228 | 68 | 80 | 34 | 12 | - | - | 1 | 1 | - | - | 26 | - | 2 | 3 | 2 | 31·3 | 11·0 | - | - | - | - | - | - | Blackburn. |
| Preston - - | 116,356 | 80 | 68 | 35 | 6 | - | - | - | - | 1 | 2 | 28 | 1 | 2 | 8 | 2 | 30·5 | 13·9 | - | - | - | - | - | - | Preston. |
| Huddersfield - | 102,454 | 35 | 39 | 13 | 15 | - | - | - | - | - | - | 5 | 1 | 1 | 2 | - | 19·8 | 2·5 | 81·0 | 53·2 | 64·6 | 18·11 | 0·05 | 0·13 | Huddersfield. |
| Halifax - - | 96,729 | 41 | 35 | 14 | 8 | - | - | - | 1 | 1 | - | 8 | - | 1 | 4 | - | 18·9 | 5·4 | - | - | - | - | - | - | Halifax. |
| Bradford - - | 233,737 | 112 | 98 | 30 | 21 | - | 2 | - | 1 | - | - | 19 | 3 | 7 | 14 | - | 21·9 | 4·9 | 78·0 | 56·4 | 65·8 | 18·78 | 0·02 | 0·05 | Bradford. |
| Leeds - - - | 416,618 | 237 | 188 | 82 | 35 | - | 2 | 2 | 5 | 4 | 2 | 46 | 7 | 15 | 21 | 1 | 23·5 | 7·6 | - | - | - | - | - | - | Leeds. |
| Sheffield - - | 356,478 | 210 | 168 | 88 | 19 | - | 2 | - | - | - | 3 | 54 | 1 | 2 | 18 | 5 | 24·6 | 8·6 | - | - | - | - | - | - | Sheffield. |
| Hull - - - | 229,887 | 145 | 133 | 77 | 26 | - | 2 | - | - | - | - | 52 | 7 | 11 | 13 | - | 30·2 | 12·2 | - | - | - | - | - | - | Hull. |
| Sunderland - | 143,849 | 88 | 98 | 46 | 12 | - | - | - | - | 5 | 2 | 36 | 3 | 6 | 10 | - | 35·5 | 15·6 | - | - | - | - | - | - | Sunderland. |
| Gateshead - - | 103,775 | 61 | 60 | 28 | 9 | - | - | - | - | 1 | - | 13 | - | 3 | 3 | - | 30·1 | 7·0 | - | - | - | - | - | - | Gateshead. |
| Newcastle - - | 223,021 | 120 | 145 | 60 | 27 | - | - | - | 1 | - | 2 | 31 | 3 | 9 | 19 | - | 33·9 | 7·9 | - | - | - | - | - | - | Newcastle. |

See note * on first page of this return.

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the THIRTY-SIXTH Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2475 | 2373 | 2469 | 2496 | 2604 | 2556 | 2369 | 2486 | 2449 | 2655 | 2623·6 | 2446 |
| Males | 1234 | 1215 | 1268 | 1298 | 1316 | 1327 | 1203 | 1246 | 1281 | 1374 | 1343·0 | 1222 |
| Females | 1241 | 1158 | 1201 | 1198 | 1288 | 1229 | 1166 | 1240 | 1168 | 1281 | 1280·6 | 1224 |
| TOTAL **Deaths** | 1316 | 1170 | 1514 | 1217 | 1361 | 1560 | 1175 | 1358 | 1368 | 1391 | 1406·9 | 2007 |
| Males | 670 | 605 | 772 | 644 | 705 | 796 | 629 | 704 | 685 | 708 | 728·0 | 1049 |
| Females | 646 | 565 | 742 | 573 | 656 | 764 | 546 | 654 | 623 | 683 | 678·9 | 958 |

*The numbers in this column are the average weekly numbers in the thirty-sixth week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | June 18. | June 25. | July 2. | July 9. | July 16. | July 23. | July 30. | Aug 6. | Aug. 13. | Aug. 20. | Aug. 27. | Sept. 3. | Sept. 10. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2532 | 2385 | 2475 | 2502 | 2502 | 2505 | 2696 | 2335 | 2807 | 2489 | 2551 | 2650 | 2446 |
| TOTAL **Deaths** | 1193 | 1257 | 1256 | 1232 | 1214 | 1330 | 1452 | 1586 | 1772 | 2019 | 1856 | 1898 | 2007 |
| Ages at Death: Under 1 year | 276 | 306 | 305 | 301 | 305 | 385 | 493 | 592 | 800 | 915 | 886 | 887 | 929 |
| 1—5 years | 155 | 167 | 173 | 142 | 157 | 152 | 175 | 198 | 212 | 233 | 222 | 203 | 244 |
| 5—20 " | 68 | 74 | 86 | 63 | 78 | 79 | 71 | 85 | 72 | 61 | 64 | 83 | 76 |
| 20—40 " | 170 | 187 | 181 | 171 | 179 | 152 | 181 | 158 | 151 | 172 | 157 | 189 | 200 |
| 40—60 " | 259 | 244 | 248 | 281 | 220 | 249 | 248 | 262 | 235 | 283 | 236 | 259 | 241 |
| 60—80 " | 225 | 228 | 227 | 223 | 220 | 254 | 226 | 238 | 255 | 295 | 243 | 226 | 256 |
| 80 year and upwards | 40 | 51 | 36 | 51 | 55 | 59 | 58 | 53 | 47 | 60 | 48 | 51 | 61 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Measles | 50 | 43 | 48 | 28 | 23 | 22 | 23 | 14 | 31 | 18 | 20 | 11 | 16 |
| Scarlet Fever | 10 | 8 | 12 | 8 | 8 | 8 | 7 | 8 | 10 | 17 | 7 | 5 | 8 |
| Diphtheria | 23 | 21 | 29 | 27 | 39 | 29 | 21 | 30 | 27 | 26 | 21 | 19 | 30 |
| Whooping-cough | 44 | 39 | 42 | 41 | 40 | 38 | 30 | 29 | 34 | 32 | 32 | 29 | 40 |
| Typhus | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Enteric Fever | 4 | 4 | 10 | 7 | 4 | 8 | 7 | 10 | 2 | 13 | 9 | 15 | 19 |
| Simple Continued Fever | – | – | – | – | – | – | – | – | 1 | 1 | – | 1 | – |
| Diarrhœa and Dysentery | 12 | 17 | 22 | 25 | 52 | 69 | 138 | 227 | 328 | 433 | 463 | 431 | 433 |
| Cholera | – | – | – | – | 3 | 2 | 8 | 13 | 15 | 14 | 14 | 13 | 13 |
| All the above Diseases | 146 | 132 | 163 | 136 | 169 | 176 | 234 | 331 | 448 | 554 | 566 | 524 | 559 |
| Dis. of Respiratory System | 185 | 171 | 162 | 160 | 175 | 148 | 173 | 174 | 171 | 196 | 135 | 127 | 130 |
| Phthisis | 134 | 140 | 149 | 150 | 126 | 148 | 133 | 124 | 139 | 115 | 107 | 144 | 140 |
| Dis. of Circulatory System | 87 | 92 | 111 | 107 | 91 | 119 | 116 | 122 | 127 | 112 | 106 | 116 | 111 |
| Violence | 53 | 71 | 56 | 56 | 55 | 64 | 80 | 73 | 61 | 67 | 73 | 60 | 71 |
| Inquest Cases | 106 | 112 | 126 | 112 | 119 | 127 | 164 | 139 | 131 | 139 | 150 | 124 | 135 |
| Deaths in Public Institutions | 395 | 418 | 397 | 404 | 367 | 434 | 446 | 413 | 428 | 500 | 407 | 469 | 470 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean | 55°·2 | 60°·5 | 59°·3 | 60°·0 | 61°·9 | 62°·8 | 61°·0 | 63°·8 | 61°·9 | 69°·5 | 65°·4 | 61°·1 | 70°·4 |
| Mean of Highest readings | 63·5 | 70·5 | 69·3 | 70·1 | 73·4 | 74·2 | 70·4 | 75·9 | 72·2 | 82·1 | 76·8 | 73·2 | 83·6 |
| Mean of Lowest readings | 48·3 | 53·1 | 51·6 | 52·0 | 50·9 | 54·2 | 54·1 | 52·7 | 53·6 | 59·3 | 55·8 | 50·5 | 60·0 |
| Humidity of the Air | 76 | 74 | 75 | 71 | 68 | 74 | 76 | 69 | 76 | 69 | 73 | 67 | 68 |
| Rain-fall (in inches) | 0·01 | 0·47 | 0·84 | 0·00 | 0·02 | 0·45 | 0·72 | 0·06 | 0·56 | 0·03 | 0·14 | 0·08 | 0·00 |
| Registered Sunshine (in hours) | 32·3 | 39·3 | 45·6 | 40·4 | 52·0 | 36·1 | 25·6 | 58·4 | 35·6 | 61·0 | 45·1 | 60·7 | 59·7 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox | 1 | – | – | – | – | – | – | 1 | 1 | 2 | 2 | 2 | 3 |
| Scarlet Fever | 2194 | 2238 | 2205 | 2250 | 2314 | 2355 | 2321 | 2326 | 2293 | 2241 | 2178 | 2240 | 2300 |
| Diphtheria | 1018 | 999 | 976 | 1013 | 1033 | 1034 | 1022 | 1024 | 953 | 937 | 903 | 869 | 893 |
| Enteric Fever | 47 | 52 | 53 | 62 | 68 | 85 | 87 | 97 | 106 | 106 | 115 | 118 | 119 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton: A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and T. Boobbyer Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst.C.E., Bradford; and Mr. E. Peak, Hull.

ABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-SIXTH Week of the Year 1898.

| USES OF DEATH. | Corrected Averages for the 36th Week of the 10 years 1888–97*. | In the Week ending Saturday, 10th September 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0–1 | 1–5. | 5–20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| AUSES - - - | 1406·9 | 2007 | 929 | 244 | 76 | 200 | 241 | 256 | 61 |
| l- Vaccinated† - | 0·3 | - | - | - | - | - | - | - | - |
| l- Unvaccinated | 0·4 | - | - | - | - | - | - | - | - |
| l- No Statement | 0·4 | - | - | - | - | - | - | - | - |
| es - - - - | 24·7 | 16 | 5 | 10 | 1 | - | - | - | - |
| t Fever - - - | 20·9 | 8 | 1 | 6 | 1 | - | - | - | - |
| ns - - - - | 0·1 | - | - | - | - | - | - | - | - |
| sing Fever - - | - | - | - | - | - | - | - | - | - |
| nza - - - - | 3·2 | 2 | - | - | - | 1 | - | 1 | - |
| ping-cough - - | 31·4 | 40 | 19 | 20 | 1 | - | - | - | - |
| neria - - | 35·1 | 30 | 3 | 17 | 10 | - | - | - | - |
| e Continued and efined Fever - | 0·4 | - | - | - | - | - | - | - | - |
| ic Fever - - - | 15·3 | 19 | - | 1 | 3 | 11 | 3 | 1 | - |
| ra and Chol. Diarr. | 3·2 | 13 | 8 | 3 | - | - | 1 | 1 | - |
| ncæa, Dysentery - | 116·0 | 433 | 353 | 61 | - | 1 | 4 | 9 | 5 |
| tent Fever - - | - | - | - | - | - | - | - | - | - |
| phobia - - - | 0·1 | - | - | - | - | - | - | - | - |
| ers - - - - | - | - | - | - | - | - | - | - | - |
| ox and Effects of ination - - | 0·3 | - | - | - | - | - | - | - | - |
| eal Affections - | 11·0 | 10 | 5 | - | - | 1 | 3 | 1 | - |
| pelas - - - | 4·3 | 2 | - | - | - | - | 1 | 1 | - |
| ia and Septicæmia | 1·3 | 2 | 2 | - | - | - | - | - | - |
| eral Fever - - | 3·8 | 3 | - | - | - | 3 | - | - | - |
| Zymotic Diseases | 0·9 | - | - | - | - | - | - | - | - |
| h - - - - | 1·7 | 1 | 1 | - | - | - | - | - | - |
| s and other Parasitical Diseases - | 0·5 | - | - | - | - | - | - | - | - |
| tion, Want of st-milk - - | 1·9 | 1 | - | - | - | 1 | - | - | - |
| olism - - - | 9·7 | 18 | - | - | - | 7 | 8 | 3 | - |
| matic Fever, umatism of Heart | 7·1 | 8 | - | - | 2 | 3 | 1 | 2 | - |
| matism - - - | 3·1 | 2 | - | - | - | - | 2 | - | - |
| - - - - - | 2·0 | 2 | - | - | - | - | 1 | 1 | - |
| ts - - - - | 3·9 | 7 | 2 | 5 | - | - | - | - | - |
| r - - - - | 69·7 | 88 | - | - | 2 | 8 | 35 | 43 | - |
| Mesenterica - - | 36·1 | 40 | 32 | 6 | 2 | - | - | - | - |
| cular Meningitis - | 20·8 | 29 | 18 | 8 | 3 | - | - | - | - |
| sis - - - - | 138·5 | 140 | 3 | 2 | 7 | 70 | 49 | 9 | - |
| la, Tuberculosis - | 20·4 | 27 | 11 | 8 | 3 | 2 | 1 | 2 | - |
| Constitutional ases - - | 11·7 | 10 | 1 | - | - | 3 | 2 | 4 | - |
| ature Birth - - | 41·6 | 59 | 59 | - | - | - | - | - | - |
| tasis - - - | 3·7 | 3 | 3 | - | - | - | - | - | - |
| nital Malformations - - - - | 5·9 | 8 | 8 | - | - | - | - | - | - |
| ge - - - - | 40·0 | 54 | - | - | - | - | - | 29 | 25 |
| exy - - - | 38·6 | 29 | - | 1 | - | - | 7 | 17 | 4 |
| osy - - - - | 6·2 | 12 | - | 1 | 1 | 4 | 3 | 3 | - |
| ilsions - - - | 44·0 | 37 | 32 | 4 | 1 | - | - | - | - |
| Diseases of Brain Nervous System | 71·9 | 82 | 21 | 10 | 4 | 11 | 15 | 18 | 3 |
| ses of Organs of cial Sense - | 2·8 | 2 | - | - | 1 | - | - | 1 | - |

| CAUSES OF DEATH | Corrected Averages for the 36th Week of the 10 years 1888–97*. | In the Week ending Saturday, 10th September 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0–1 | 1–5. | 5–20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 111·0 | 111 | 1 | - | 7 | 24 | 27 | 42 | 10 |
| Croup - - - - | 3·8 | - | - | - | - | - | - | - | - |
| Bronchitis - - - | 69·9 | 54 | 21 | 8 | - | 3 | 9 | 10 | 3 |
| Pneumonia - - - | 52·9 | 65 | 23 | 21 | 2 | 3 | 9 | 6 | 1 |
| Pleurisy - - - - | 4·3 | 1 | 1 | - | - | - | - | - | - |
| Other Diseases of Respiratory System - | 17·4 | 10 | 2 | 2 | - | 1 | 2 | 2 | 1 |
| Dentition - - - - | 6·9 | 7 | 3 | 4 | - | - | - | - | - |
| Quinsy, Sore Throat - | 2·0 | 2 | 1 | - | - | 1 | - | - | - |
| Enteritis - - - - | 36·8 | 213 | 163 | 36 | 2 | 3 | 3 | 4 | 2 |
| Peritonitis - - - | 6·5 | 7 | 1 | - | 4 | 1 | 1 | - | - |
| Diseases of Liver - - | 25·6 | 33 | 3 | - | 1 | 7 | 13 | 7 | 2 |
| Other Diseases of Digestive System | 29·8 | 30 | 16 | - | - | 5 | 6 | 2 | 1 |
| Diseases of Lymphatic System & of Ductless Glands - - - | 2·6 | 1 | - | - | - | - | 1 | - | - |
| Diseases of Urinary System - - - | 39·7 | 41 | - | - | 3 | 3 | 16 | 18 | 1 |
| Diseases of Generative System - - - | 3·8 | 5 | - | - | - | 3 | 1 | 1 | - |
| Accidents of Childbirth - | 5·7 | 8 | - | - | - | 6 | 2 | - | - |
| Diseases of Locomotive System - - - | 5·2 | 7 | 2 | - | 4 | - | 1 | - | - |
| Diseases of Integumentary System - - | 6·8 | 6 | 3 | - | - | - | - | 2 | 1 |
| VIOLENT DEATHS ‡ (ACCIDENT.) | | | | | | | | | |
| By Railways - - - | 44·5 | 1 | - | - | - | 1 | - | - | - |
| By Vehicles or Horses - | | 11 | - | 1 | 1 | 2 | 3 | 4 | - |
| In Ships, Boats, Docks, (exclusive of Drowning) - - - | | - | - | - | - | - | - | - | - |
| In Building Operations - | | - | - | - | - | - | - | - | - |
| In Conflagrations - | | - | - | - | - | - | - | - | - |
| By Burns, Scalds, Explosions - - | | 9 | 2 | 2 | 2 | 1 | 1 | 1 | - |
| By Drowning - - - | | 5 | - | 1 | 2 | 1 | 1 | - | - |
| By Suffocation in Bed - | | 6 | 6 | - | - | - | - | - | - |
| By Poisons or Poisonous Vapours - - | | 4 | - | - | - | 1 | 2 | 1 | - |
| Other or not stated causes - - - - | | 32 | 6 | 2 | 6 | 5 | 5 | 6 | 2 |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - | 0·9 | - | - | - | - | - | - | - | - |
| Suicide - - - - | 7·8 | 3 | - | - | - | 2 | - | 1 | - |
| Execution - - - | - | - | - | - | - | - | - | - | - |
| OTHER CAUSES - - | 68·1 | 98 | 88 | 4 | - | 1 | 2 | 3 | - |

he numbers in this column are the average weekly deaths for the ten years 1888–97, raised by 5·230 per cent. for increase pulation.

ly those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered cal men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

he evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of ent, murder manslaughter or suicide. All such cases are classed under "accident.'

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 10th September, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Continued Simple Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2446 | 2007 | 929 | 317 | - | 16 | 8 | 30 | 40 | - | 19 | - | 433 | 71 | 135 | 470 |
| WEST DISTRICTS - - - | 778,251 | 346 | 314 | 135 | 58 | - | 1 | - | 5 | 3 | - | 2 | - | 68 | 11 | 17 | 79 |
| NORTH DISTRICTS - - - | 1,040,694 | 560 | 420 | 197 | 64 | - | 4 | 1 | 8 | 7 | - | 6 | - | 73 | 14 | 29 | 102 |
| CENTRAL DISTRICTS - - - | 233,635 | 125 | 100 | 39 | 12 | - | 1 | - | 4 | 1 | - | 2 | - | 13 | 9 | 12 | 37 |
| EAST DISTRICTS - - - | 716,334 | 455 | 398 | 192 | 42 | - | 6 | - | 3 | 3 | - | 3 | - | 100 | 15 | 42 | 106 |
| SOUTH DISTRICTS - - - | 1,642,796 | 960 | 755 | 366 | 135 | - | 4 | 7 | 10 | 26 | - | 6 | - | 179 | 22 | 34 | 126 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | — | - | 20 | - | 6 | - | - | - | - | - | - | - | - | - | - | 1 | 20 |
| WEST DISTRICTS. | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 49 | 32 | 15 | 4 | - | - | - | 1 | 1 | - | - | - | 5 | - | 2 | 4 |
| St. John Paddington *H* - - G. | 33,510 | 7 | 10 | 2 | 2 | - | - | - | 1 | - | - | - | - | 3 | 2 | 2 | 6 |
| Kensington Town *Ww* - - W. | 122,164 | 49 | 42 | 18 | 9 | - | - | - | - | 1 | - | - | - | 8 | 2 | 2 | 13 |
| Brompton *HH*- - - W & C. | 48,301 | 6 | 6 | 1 | 2 | - | - | - | - | - | - | - | - | 3 | - | - | 1 |
| St. Peter Hammersmith - - W. | 9,097 | 3 | 4 | 3 | - | - | - | - | - | - | - | - | - | 2 | - | - | - |
| St. Paul Hammersmith *HH* W. & G. | 35,102 | 52 | 40 | 21 | 6 | - | - | - | - | - | - | 1 | - | 7 | - | 1 | 3 |
| Fulham *Ww* - - - W. & C. | 113,781 | 91 | 63 | 35 | 12 | - | 1 | - | 2 | - | - | - | - | 24 | 3 | 4 | 12 |
| Chelsea Kensal Town - C. | 21,450 | 15 | 10 | 9 | 1 | - | - | - | - | - | - | - | - | 2 | - | - | - |
| Chelsea North *WHHHHH* - C. | 42,057 | 12 | 15 | 4 | 4 | - | - | - | - | - | - | - | - | 2 | - | - | 10 |
| Chelsea South *HH* - - C. | 33,139 | 15 | 25 | 12 | 4 | - | - | - | 1 | - | - | - | - | 6 | - | - | 4 |
| May Fair *W* - - - - G. | 23,827 | 3 | 11 | - | 5 | - | - | - | - | - | - | - | - | - | 1 | 1 | 7 |
| Belgrave *WHHH* - - - C. | 56,140 | 20 | 23 | 6 | 1 | - | - | - | - | - | - | 1 | - | 3 | 3 | 4 | 10 |
| St. John Westminster *HH* - C. | 31,492 | 11 | 14 | 3 | 3 | - | - | - | - | 1 | - | - | - | - | - | 1 | - |
| St. Margaret Westminster *H*- C. | 22,097 | 1 | 10 | 3 | - | - | - | - | - | - | - | - | - | 1 | - | - | 6 |
| St. James Westminster *WHH* N. & G. | 23,050 | 6 | 6 | 2 | 4 | - | - | - | - | - | - | - | - | 2 | - | - | 2 |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 6 | 3 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 |
| NORTH DISTRICTS. | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - - W. | 36,595 | 15 | 16 | 4 | 4 | - | - | - | - | - | - | - | - | 3 | - | - | 6 |
| Rectory Marylebone *W* G. & W. | 19,798 | 7 | 6 | 3 | - | - | - | - | - | - | - | - | - | 2 | - | - | - |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 24 | 8 | 4 | 2 | - | - | - | - | - | - | - | - | - | - | - | 3 |
| Christchurch Marylebone *H* - W | 32,547 | 13 | 7 | 3 | - | - | - | - | - | - | - | - | - | 2 | - | - | - |
| St. John Marylebone *HHH* W. | 32,611 | 21 | 10 | 4 | 1 | - | - | - | - | 1 | - | - | - | 1 | - | - | - |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 38 | 43 | 17 | 7 | - | - | 1 | 6 | - | - | 3 | - | 6 | 4 | 6 | 19 |
| Regent's Park Pancras *HH* - W. | 37,341 | 19 | 14 | 8 | 3 | - | - | - | - | - | - | - | - | 1 | - | - | 2 |
| Tottenham-court *wHHHH* - N. & W. | 26,757 | 11 | 21 | 12 | 2 | - | 1 | - | - | 1 | - | - | - | 3 | 2 | 2 | 10 |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 21 | 14 | 7 | - | - | 1 | - | - | - | - | - | - | 1 | 1 | 1 | 3 |
| Somers Town *HH* - - - N. | 32,161 | 12 | 11 | 4 | 2 | - | - | - | 1 | - | - | - | - | 3 | - | - | 2 |
| Camden Town *WH* - - N. | 16,669 | 10 | 14 | 6 | 1 | - | - | - | - | 1 | - | - | - | 1 | 1 | 1 | 11 |
| Kentish Town *WW* - - N. | 98,410 | 66 | 42 | 22 | 5 | - | - | - | - | 1 | - | 1 | - | 4 | 1 | 1 | 8 |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 51 | 52 | 25 | 10 | - | 1 | - | - | - | - | - | - | 10 | 1 | 2 | 24 |
| Islington South-west H - N. | 107,365 | 77 | 50 | 24 | 8 | - | 1 | - | 1 | 2 | - | - | - | 17 | 1 | 7 | 1 |
| Islington South-east - - N. | 66,549 | 25 | 20 | 11 | 2 | - | - | - | - | - | - | - | - | 4 | 1 | 3 | - |
| Highbury *HH* - - - N. | 64,577 | 30 | 11 | 6 | 2 | - | - | - | - | - | - | - | - | 5 | - | - | - |
| Stoke Newington *H* - - N. | 33,485 | 11 | 6 | 2 | 2 | - | - | - | - | - | - | - | - | 1 | - | 1 | - |
| North Hackney - - E. & N. | 213,044 | 22 | 13 | 6 | 4 | - | - | - | - | - | - | - | - | 2 | - | 2 | - |
| Central Hackney *ww* - E. & N. | | 22 | 18 | 12 | 3 | - | - | - | - | - | - | 2 | - | 5 | 1 | 1 | 3 |
| South-west Hackney *HHH* E. & N. | | 31 | 17 | 9 | - | - | - | - | - | - | - | - | - | 1 | - | - | 2 |
| South-east Hackney *WwH* E. & N. | | 34 | 27 | 8 | 6 | - | - | - | - | 1 | - | - | - | 1 | 1 | 2 | 8 |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers are received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. The Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River E East London; and K. the Kent Company.

* See note * on second page of this Return.

BLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday, 10th September, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population. 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CENTRAL DISTRICTS. | | | | | | | | | | | | | | | | | | |
| George Bloomsbury - - N. | 16,110 | 3 | 5 | 3 | 1 | - | - | - | - | - | - | - | - | 1 | - | - | - | - |
| Giles South *WH* - - N. | 12,976 | 12 | 4 | 2 | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - |
| Giles North *H* - - - N. | 9,151 | 2 | 3 | 1 | 1 | - | - | - | - | - | - | - | - | 1 | - | - | - | - |
| Martin-in-the-Fields *HH* N. & C. | 13,077 | 3 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - |
| and *WHH* - - - - N. | 11,839 | 1 | 5 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | 2 | - |
| *and Union Workhouse, Edmonton* | †*1,037* | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| lborn *wHHHHHHH* - N. | 31,042 | 17 | 19 | 6 | - | - | - | - | 3 | - | - | - | | - | 2 | 1 | 13 | - |
| James Clerkenwell - - N. | 15,777 | 10 | 2 | 1 | - | - | - | - | - | - | - | - | | 1 | - | - | - | - |
| well Clerkenwell - - N. | 34,356 | 19 | 17 | 11 | 2 | - | 1 | - | - | - | - | 1 | | 5 | - | 2 | - | - |
| swell-street - - - - N. | 16,069 | 12 | 3 | 2 | - | - | - | - | - | - | - | - | | 1 | - | - | - | - |
| y-road *HHHL* - - - N. | 29,897 | 33 | 13 | 5 | 1 | - | - | - | - | - | - | - | - | 2 | 1 | 1 | 3 | - |
| itecross-street - - - N. | 7,595 | 3 | 2 | 1 | - | - | - | - | - | 1 | - | - | - | - | 1 | 1 | - | - |
| sbury - - - - - N. | 4,035 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - |
| *'born Union Workhouse, ttcham* - - - - | †*892* | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Botolph *H* - - N. & E. | 6,870 | 3 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| pplegate - - - - N. | 3,299 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Sepulchre *WH* - - - N. | 9,591 | 4 | 18 | 1 | 4 | - | - | - | 1 | - | - | 1 | - | 1 | 4 | 5 | 15 | - |
| hallows Barking - - - N. | 9,059 | 2 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ad Street *H* - - - N. | 2,892 | - | 2 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| *of London Asylum, Stone* - - | †*388* | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| EAST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| reditch South *Hl* - E. & N. | 17,975 | 10 | 8 | 3 | 3 | - | - | - | - | - | - | - | - | 3 | - | - | 3 | - |
| kton New Town *w* - - N. | 29,575 | 13 | 16 | 11 | 1 | - | 2 | - | - | - | - | - | - | 7 | - | - | 2 | - |
| kton Old Town - - - N. | 27,645 | 16 | 15 | 11 | 1 | - | - | - | - | - | - | - | - | 3 | - | 2 | - | - |
| ggerston *WH* - - N. & E. | 47,163 | 22 | 34 | 17 | 4 | - | - | - | 1 | - | - | 1 | - | 9 | 1 | 1 | 10 | - |
| hnal Green North *H* - E. | 49,301 | 48 | 27 | 18 | 2 | - | 2 | - | - | - | - | - | - | 6 | 1 | 4 | - | - |
| hnal Green South - - E. | 34,194 | 27 | 10 | 6 | 1 | - | - | - | - | - | - | - | - | 2 | 2 | 3 | - | - |
| hnal Green East *WHl* - E. | 45,667 | 21 | 33 | 12 | 8 | - | 1 | - | - | - | - | - | - | 10 | - | 2 | 13 | - |
| talfields - - - E. & N. | 26,681 | 17 | 6 | 2 | - | - | - | - | - | - | - | - | - | 2 | - | - | - | - |
| e End New Town *W* - E. | 12,816 | 12 | 14 | 4 | 1 | - | - | - | - | - | - | 1 | - | 2 | 1 | 2 | 7 | - |
| itechapel Church *H* - E. & N. | 25,561 | 15 | 38 | 9 | 3 | - | - | - | 1 | - | - | 1 | - | 2 | 2 | 6 | 32 | - |
| odman's Fields - - - E. | 13,618 | 7 | 3 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| George's North - - - E. | 39,576 | 40 | 23 | 8 | 2 | - | - | - | - | - | - | - | - | - | - | 3 | - | - |
| John, St. George East *W* E. | 7,930 | 3 | 6 | 2 | - | - | - | - | - | - | - | - | - | 2 | - | 2 | 4 | - |
| dwell *H* - - - E. & N. | 10,434 | 3 | 13 | 8 | 1 | - | 1 | - | - | - | - | - | - | 9 | 1 | 1 | 11 | - |
| cliff *W* - - - - E. | 14,954 | 5 | 8 | 5 | - | - | - | - | - | 1 | - | - | - | 2 | - | - | - | - |
| nehouse - - - - E. | 32,917 | 20 | 13 | 11 | 2 | - | - | - | - | 1 | - | - | - | 6 | - | 1 | - | - |
| e End Old Town West *H* E. | 111,060 | 48 | 16 | 7 | 2 | - | - | - | - | - | - | - | - | 2 | 2 | 2 | 1 | - |
| e End Old Town East *Www* - E. | | 29 | 20 | 10 | 3 | - | - | - | - | 1 | - | - | - | 7 | - | - | 3 | - |
| w *l* - - - - E. | 41,687 | 24 | 18 | 14 | - | - | - | - | - | - | - | - | - | 5 | - | - | 2 | - |
| mley *wwwH* - - - E. | 69,821 | 36 | 50 | 21 | 4 | - | - | - | - | - | - | - | - | 17 | 4 | 8 | 16 | - |
| lar *WW* - - - - E. | 57,759 | 39 | 27 | 10 | 4 | - | - | - | 1 | - | - | - | - | 4 | 1 | 5 | 2 | - |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX MEASL SCARLET FEVER. DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in ea SUB-DISTRICT during the Week ending Saturday, 10th September, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Continued Simple Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WHL*.&S. | 13,064 | 5 | 7 | 6 | - | - | - | - | - | - | - | - | - | 2 | - | - | - |
| St. Saviour Southwark - - S. | 12,301 | 5 | 1 | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - |
| Kent-road - - - - S. & L. | 22,879 | 11 | 10 | 4 | 2 | - | - | - | - | - | - | - | - | 4 | - | 2 | - |
| Borough-road *WH* - S. & L | 16,083 | 16 | 11 | 7 | - | - | - | - | - | - | - | - | - | 4 | - | - | 6 |
| London-road *HL* - - L. & S. | 21,316 | 17 | 15 | 7 | 3 | - | - | - | - | 1 | - | - | - | 2 | - | - | - |
| Trinity Newington - - S. & L. | 28,723 | 19 | 6 | 3 | - | - | - | - | - | - | - | - | - | 1 | - | 1 | - |
| St. Peter Walworth *W* - S. & L. | 62,045 | 52 | 21 | 10 | 5 | - | - | - | - | 1 | - | - | - | 9 | - | - | - |
| St. Mary Newington- - L. & S. | 30,171 | 13 | 8 | 4 | 1 | - | - | - | 1 | - | - | - | - | - | - | - | - |
| St. Olave *WH*- - - - S. | 11,731 | 7 | 13 | 7 | 1 | - | - | - | - | - | - | - | - | 1 | 1 | 1 | 10 |
| Bermondsey* *W* - - - S. | 85,475 | 49 | 28 | 12 | 2 | - | - | 1 | - | 2 | - | 1 | - | 6 | - | 2 | - |
| Rotherhithe *WwH* - S. & K. | 40,379 | 15 | 24 | 10 | 3 | - | - | - | - | - | - | - | - | 4 | 1 | 2 | 5 |
| Waterloo-road *HH* - L. & S. | 28,396 | 26 | 13 | 4 | 3 | - | - | - | - | 1 | - | - | - | 4 | - | 2 | 2 |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 9 | 17 | 8 | 1 | - | - | - | 1 | - | - | - | - | 3 | 4 | 6 | 10 |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 23 | 35 | 8 | 13 | - | - | - | - | 2 | - | - | - | 3 | 2 | 3 | 21 |
| Kennington 1st *H* - - S. & L. | 52,486 | 40 | 21 | 12 | 4 | - | - | - | - | - | - | - | - | 5 | - | - | - |
| Kennington 2nd - - S. & L. | 43,244 | 19 | 16 | 8 | 3 | - | - | - | - | 1 | - | - | - | 7 | - | - | - |
| Brixton *w* - - - L. & S. | 81,825 | 47 | 35 | 19 | 6 | - | 1 | - | 2 | - | - | 1 | - | 2 | 1 | 1 | 3 |
| Norwood *WH*- - - - L. | 29,318 | 12 | 8 | 2 | 2 | - | - | - | - | - | - | - | - | 1 | - | 1 | - |
| East Battersea - - - - S. | 71,730 | 44 | 26 | 13 | 1 | - | - | - | - | 1 | - | - | - | 7 | 1 | 1 | - |
| West Battersea *WwH* - - S | 93,385 | 46 | 36 | 18 | 6 | - | - | - | 1 | 1 | - | - | - | 6 | 2 | 3 | 10 |
| Clapham *H* - - - - S. | 46,053 | 21 | 14 | 7 | 3 | - | - | - | - | - | - | - | - | 2 | - | - | 1 |
| Wandsworth *WHHL* - - S. | 58,101 | 30 | 19 | 12 | 5 | - | - | - | - | 1 | - | - | - | 5 | - | - | - |
| Putney - - - - - S. | 20,566 | 9 | 9 | 3 | 1 | - | 1 | - | - | 3 | - | - | - | 2 | - | - | - |
| Streatham *WwwwL* - - L. | 61,644 | 37 | 24 | 11 | 8 | - | - | - | 2 | 1 | - | - | - | 1 | - | - | 2 |
| Dulwich - - - - L. & S. | 7,519 | 1 | 2 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Camberwell *Wwll* - S. & L. | 90,286 | 60 | 56 | 19 | 14 | - | 1 | - | - | 4 | - | 1 | - | 15 | 1 | - | 21 |
| Peckham *WW* - S., L., & K | 88,242 | 49 | 42 | 22 | 9 | - | - | - | - | 1 | - | - | - | 9 | - | - | - |
| St. George Camberwell - L. & S. | 67,029 | 38 | 25 | 14 | 1 | - | - | - | - | 1 | - | - | - | 8 | 3 | 1 | - |
| Deptford North - - - K. | 36,152 | 26 | 16 | 13 | - | - | - | - | - | - | - | - | - | 9 | - | - | - |
| Deptford Central *w* - - K. | 45,441 | 33 | 34 | 22 | 2 | - | 1 | 1 | 2 | 1 | - | 1 | - | 14 | - | 1 | 2 |
| Deptford South - - - K. | 33,402 | 17 | 6 | 2 | 1 | - | - | - | - | 1 | - | - | - | 2 | - | - | - |
| Greenwich West *H* - - K. | 23,012 | 19 | 10 | 6 | 1 | - | - | - | - | - | - | - | - | 2 | 1 | 1 | - |
| Greenwich East *WH* - - K. | 37.767 | 18 | 30 | 14 | 10 | - | - | - | - | - | - | 1 | - | 4 | - | - | 14 |
| Eltham *wH* - - - - K. | 5,911 | - | 5 | 2 | 2 | - | - | - | - | - | - | - | - | 1 | 1 | - | - |
| Lee *H* - - - - - K. | 24,222 | 7 | 6 | 2 | 2 | - | - | - | - | - | - | - | - | 1 | 1 | 1 | - |
| Lewisham *WwH* - - - K. | 38,139 | 21 | 29 | 16 | 4 | - | - | 3 | - | 1 | - | - | - | 11 | 1 | 1 | 8 |
| Sydenham *H* - - - - L. | 37,601 | 20 | 13 | 7 | 3 | - | - | - | - | - | - | - | - | 1 | - | 1 | - |
| Charlton *wHH* - - K. | 15,928 | 5 | 12 | 5 | 1 | - | - | 2 | 1 | - | - | 1 | - | - | 1 | 1 | 6 |
| Woolwich Dockyard - - K. | 19,355 | 12 | 12 | 7 | 2 | - | - | - | - | 1 | - | - | - | 5 | - | - | - |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 21 | 9 | 4 | 1 | - | - | - | - | - | - | - | - | 4 | - | - | - |
| Plumstead West *H* - - K. | 16,714 | 8 | 4 | 2 | - | - | - | - | - | - | - | - | - | 2 | - | - | - |
| Plumstead East *WH* - - K. | 42,538 | 33 | 27 | 13 | 8 | - | - | - | - | - | - | - | - | 10 | 1 | 1 | 5 |
| Banstead Asylum - - - - | — | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 |
| Caterham Asylum - - - - | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Cane Hill Asylum - - - - | — | - | 3 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 3 |
| Hospital Ships and Camp, Dartford | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Darenth Asylum - - - - | — | - | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | 3 |
| Hanwell Asylum - - - - | — | - | 3 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 3 |
| Colney Hatch Asylum - | — | - | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 2 |
| N.E. Hospital - - - - | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Winchmore Hill Hospital - - | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Leavesden Asylum - - - - | — | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 |
| Claybury Asylum - - - - | — | - | 7 | - | 2 | - | - | - | - | - | - | - | - | - | - | 1 | 7 |

* The two Sub-Districts of Leather Market and St. James Bermondsey were united on 1st September, and called Bermondsey.

BLE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 10th September, 1898.

| gis-tion rict nd b-rict m-rs. | REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years & upwds. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LONDON—OUTER RING - | 368,749 | 1,422,063 | 1051 | 755 | 426 | 97 | – | 2 | – | 10 | 20 | 3 | 225 | 14 | 34 | 60 | 9 |
| :1 | Carshalton *wHH* - - | 12,228 | 26,108 | 13 | 7 | 5 | 2 | – | – | – | – | – | – | 1 | 1 | 1 | – | 1 |
| 2 | Epsom, *part of** *WwHH* - | 10,423 | 12,508 | 5 | 2 | 2 | – | – | – | – | – | – | – | 2 | – | – | – | – |
| :1 | Godstone, *part of** *W* - | 2,754 | 1,598 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| :1 | Croydon *WwHHH* - - | 20,851 | 128,699 | 76 | 72 | 40 | 9 | – | – | – | 1 | 1 | – | 26 | 2 | 3 | 6 | – |
| 2 | Mitcham *w* - - - | 11,697 | 23,088 | 9 | 7 | 6 | – | – | – | – | – | – | – | 5 | – | – | – | – |
| :1 | Wimbledon *HHH* - - | 3,220 | 25,761 | 22 | 23 | 18 | – | – | – | – | 1 | – | – | 16 | – | – | – | – |
| 2 | Kingston *W* - - - | 8,071 | 33,566 | 17 | 19 | 10 | 3 | – | – | – | – | – | – | 4 | – | – | 4 | – |
| 3 | Surbiton *H*- - - - | | 11,199 | 7 | 5 | 2 | 2 | – | – | – | – | – | – | 1 | – | – | 1 | – |
| 4 | Esher, *part of** *HH* - - | 6,601 | 12,059 | 8 | 3 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 5 | Hampton *HL* - - - | 4,565 | 18,252 | 12 | 13 | 7 | 2 | – | – | – | – | – | 1 | 3 | – | 1 | – | – |
| :1 | Richmond *WH*- - - | 2,160 | 25,389 | 9 | 12 | 3 | 3 | – | – | – | – | – | – | 2 | 2 | 2 | – | 1 |
| 2 | Mortlake *H* - - - | 2,823 | 16,159 | 8 | 5 | 5 | – | – | – | – | – | – | – | 3 | – | – | – | – |
| :1 | Bromley *HHH* - - - | 9,127 | 23,815 | 13 | 15 | 11 | 2 | – | – | – | – | – | – | 8 | – | – | – | – |
| 2 | Beckenham *H* - - - | 6,542 | 21,969 | 17 | 8 | 6 | – | – | – | – | – | – | – | 5 | – | – | – | – |
| 3 | Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 12 | 9 | 2 | 2 | – | – | – | – | – | – | 1 | – | – | 2 | – |
| :1 | Bexley *HHH* - - - | 12,540 | 30,590 | 14 | 18 | 12 | 1 | – | – | – | – | – | – | 8 | – | – | – | – |
| 2 | Dartford *WH*, *part of** - | — | — | – | 2 | – | 1 | – | – | – | – | – | – | – | – | – | 2 | – |
| :1 | Sunbury *w* - - - | 11,054 | 13,671 | 7 | 6 | 4 | 1 | – | – | – | 1 | – | – | 4 | – | – | – | – |
| 2 | Staines *WH* - - - | 13,277 | 13,221 | 10 | 2 | 2 | – | – | – | – | – | – | – | 1 | – | – | – | – |
| :1 | Hillingdon *WHH* - - | 6,035 | 12,237 | 5 | 6 | 1 | – | – | – | – | – | – | – | – | – | – | 2 | 1 |
| 2 | Uxbridge - - - - | 12,757 | 7,253 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Hayes *wH*- - - - | 7,952 | 11,051 | 7 | 3 | 2 | 1 | – | – | – | – | – | – | – | 1 | 1 | – | – |
| :1 | Isleworth *WHH* - - | 6,967 | 26,004 | 24 | 11 | 6 | 2 | – | – | – | – | 1 | – | 6 | – | – | 2 | – |
| 2 | Twickenham *HH* - - | 2,415 | 16,027 | 6 | 10 | 3 | 1 | – | | – | – | – | – | 2 | – | – | 2 | – |
| 3 | Brentford *HHHH* - - | 4,318 | 37,777 | 17 | 27 | 13 | 7 | – | 1 | – | – | – | – | 4 | 1 | 2 | – | – |
| 4 | Chiswick - - - - | 1,245 | 21,963 | 17 | 11 | 3 | 4 | – | – | – | – | 1 | – | 2 | – | – | – | – |
| 5 | Acton *wHH* - - - | 6,132 | 30,945 | 27 | 21 | 8 | 4 | – | – | – | – | – | – | 7 | – | – | 1 | – |
| :1 | Harrow *HHH* - - - | 13,809 | 15,715 | 15 | 8 | 4 | 2 | – | – | – | – | – | – | 1 | – | – | 1 | – |
| 2 | Edgware *HH* - - - | 6,994 | 3,844 | 2 | 3 | 2 | 1 | – | – | – | – | – | – | 1 | – | – | – | – |
| 3 | Willesden *HHH* - - | 4,383 | 61,265 | 62 | 31 | 15 | 5 | – | – | – | 1 | 3 | – | 5 | – | 1 | 1 | – |
| 4 | Hendon *WH* - - - | 8,382 | 15,843 | 14 | 13 | 10 | 3 | – | – | – | – | – | – | 4 | – | – | 2 | – |
| :1 | South Mimms *HH* - - | 21,077 | 6,367 | 5 | 2 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Barnet *WHH* - - - | | 14,152 | 9 | 6 | 4 | 1 | – | – | – | – | 1 | – | 1 | 1 | 1 | 1 | – |
| 3 | Finchley *HHH*- - - | 4,688 | 25,820 | 16 | 8 | 5 | 2 | – | – | – | – | 1 | – | 2 | – | 1 | – | – |
| :1 | Hornsey *HH* - - - | 3,039 | 61,097 | 28 | 24 | 10 | 1 | – | – | – | 2 | 2 | – | 3 | 1 | 3 | – | – |
| 2 | Tottenham *HH*- - - | 4,642 | 97,174 | 73 | 46 | 24 | 3 | – | – | – | 1 | – | 1 | 12 | 2 | 6 | 4 | – |
| 3 | Edmonton *Www* - - | 7,489 | 36,351 | 28 | 28 | 17 | 2 | – | – | – | – | – | – | 13 | – | 2 | 3 | – |
| 4 | Enfield *WWHH* - - | 12,602 | 31,536 | 29 | 12 | 7 | 1 | – | – | – | – | – | – | 5 | – | – | – | – |
| 5 | Waltham Abbey - - - | 11,017 | 6,066 | 2 | 3 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – |
| 6 | Cheshunt *H* - - - | 8,480 | 9,620 | 4 | 2 | 1 | – | – | – | – | – | – | – | 1 | – | – | – | – |
| :1 | Hatfield, *part of** *W* - - | 3,306 | 582 | – | 2 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| :1 | Bushey *H* - - - - | 9,331 | 7,737 | 2 | 3 | 3 | – | – | – | – | – | – | – | 1 | – | – | – | – |
| 2 | Watford *WH*, *part of** - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| :1 | Stratford *H* - - - | 4,706 | 38,612 | 48 | 19 | 12 | 2 | – | – | – | – | 1 | – | 5 | – | 1 | 1 | 2 |
| 2 | Plaistow *WHHH* - - | | 58,030 | 64 | 25 | 17 | 1 | – | – | – | 1 | – | – | 9 | – | – | 3 | – |
| 3 | Canning Town *H* - - | | 54,750 | 56 | 36 | 28 | – | – | – | – | 1 | 1 | – | 10 | 2 | 3 | 1 | 3 |
| 4 | Forest Gate *w* - - - | | 53,511 | 32 | 18 | 10 | 2 | – | – | – | – | 2 | – | 3 | – | 1 | – | – |
| 5 | East Ham *wH*- - - | 3,266 | 32,713 | 58 | 34 | 22 | 3 | – | – | – | – | 1 | – | 9 | 1 | 1 | – | – |
| 6 | Leyton *WWWwH* - - | 4,334 | 70,188 | 49 | 49 | 19 | 9 | – | 1 | – | – | 4 | 1 | 12 | – | 2 | 16 | – |
| 7 | Walthamstow *HHL*- - | 6,501 | 57,330 | 52 | 33 | 21 | 2 | – | – | – | – | 1 | – | 11 | – | 1 | – | 1 |
| :1 | Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 4 | 9 | 3 | 2 | – | – | – | – | – | – | 2 | – | – | – | – |
| 2 | Epping *WH*, *part of** - - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| :1 | Romford, *part of** *WH* - | 6,556 | 4,324 | 2 | 2 | – | – | – | – | – | – | – | – | 1 | – | – | – | – |
| 2 | Ilford - - - - - | 8,493 | 10,913 | 16 | 4 | 4 | – | – | – | – | – | – | – | – | – | 1 | – | – |
| 3 | Barking Town, *H* - - | 3,814 | 14,301 | 17 | 12 | 9 | 1 | – | – | – | – | – | – | 3 | – | – | – | – |
| | Homerton Fever Hosp, - | — | — | – | 1 | – | – | – | – | – | 1 | – | – | – | – | – | 1 | – |
| | Middlesex County Asylum, Wandsworth. | — | — | – | 3 | – | 2 | – | – | – | – | – | – | – | – | – | 3 | – |
| | Middlesex County Asylum, Streatham. | — | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |

The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring as follows:—30 : 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37 : 1, the parishes of Warlingham Farley in Godstone sub-district; 39 : 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41 : 3, Chislehurst -district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135 : 1, the parish of Northaw in tfield sub-district; 187 : 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping p. 1,079); 189 : 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for ectious Diseases belonging to the Outer Ring in 42 : 2, Dartford; 137 : 2, Watford; and 187 : 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday. 10th September, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | ANNUAL RATE of MORTALITY per 1000 living. From All Causes. | From Diseases in Cols. 8-14. | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. | 16 |
| GREATER LONDON | **443,421** | **6,408,321** | **22·5** | **6·6** | **2762** | **1355** | **414** | – | **18** | **8** | **40** | **60** | **22** | **658** | **85** | **53** |
| INNER LONDON - | 74,672 | 4,504,766 | 23·2 | 6·3 | 2007 | 929 | 317 | - | 16 | 8 | 30 | 40 | 19 | 433 | 71 | 47 |
| OUTER RING - | 368,749 | 1,903,555 | 20·7 | 7·1 | 755 | 426 | 97 | – | 2 | – | 10 | 20 | 3 | 225 | 14 | 6 |

NOTE. -The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent to the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

| CITIES. | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of Stillborn | DEATHS. Exclusive of Stillborn | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM PRINCIPAL ZYMOTIC DISEASES. Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœal Diseases. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 295,628 | September 10 | 167 | 131 | 23·1 | – | 3 | – | – | 2 | – | 1 |
| GLASGOW - - | 724,349 | „ 10 | 477 | 320 | 23·0 | – | 4 | 4 | 2 | 10 | 4 | 4 |
| DUBLIN - - | 349,594 | „ 10 | 178 | 206 | 30·7 | – | 1 | 2 | 2 | 6 | 5 | 3 |
| CALCUTTA - - | 466,460 | July 23 | - | 197 | 22·0 | – | 3 | – | – | – | 55† | 3 |
| BOMBAY - - | 821,764 | August 23 | 232 | 721 | 45·6 | 1 | 2 | ? | ? | ? | 226† | 6 |
| MADRAS - - | 452,518 | „ 12 | 411 | 575 | 66·0 | 1 | 11 | ? | ? | ? | 192 | 15 |
| PARIS - - - | 2,511,629 | September 3 | 1015 | 911 | 18·8 | – | 4 | 3 | 4* | 10 | 4 | 24 |
| BRUSSELS - - | 531,024 | „ 3 | 249 | 211 | 19·9 | – | 2 | – | – | 3 | 6 | 5 |
| AMSTERDAM - | 508,266 | August 27 | 340 | 211 | 21·6 | – | 7 | 1 | 2 | 9 | – | |
| ROTTERDAM - | 301,816 | „ 27 | 198 | 114 | 19·4 | – | – | 1 | – | 1 | – | |
| THE HAGUE - | 196,325 | „ 27 | 117 | 94 | 24·9 | – | 1 | – | – | 3 | – | |
| COPENHAGEN - | 340,500 | September 3 | 190 | 89 | 13·6 | – | – | – | 1 | 8 | 2 | |
| STOCKHOLM - | 274,611 | August 27 | 128 | 81 | 14·9 | – | – | – | 1* | 4 | – | 1 |
| CHRISTIANIA - | 192,141 | September 3 | 108 | 60 | 15·3 | – | 1 | – | – | 3 | – | |
| ST. PETERSBURG | 954,400 | August 27 | 475 | 501 | 27·4 | – | 8 | 9 | 16 | 8 | 20 | 11 |
| MOSCOW - - | 988,610 | „ 27 | – | 588 | 31·0 | 1 | 4 | 6 | 14 | 2 | 6 | 20 |
| BERLIN - - | 1,753,775 | „ 20 | 919 | 879 | 25·8 | 1 | 6 | 2 | 9 | 18 | 2 | 31 |
| HAMBURG - - | 661,015 | September 3 | – | 287 | 22·6 | – | – | – | 4* | 3 | 1 | 10 |
| DRESDEN - - | 377,500 | August 6 | 245 | 149 | 20·2 | – | 3 | – | 1* | 1 | – | 2 |
| BRESLAU - - | 392,795 | September 3 | – | – | – | – | – | – | – | – | – | – |
| MUNICH - - | 430,000 | „ 3 | – | 264 | 31·9 | – | – | 1 | 3* | 2 | – | 11 |
| VIENNA - - | 1,574,129 | „ 3 | 874 | 591 | 19·3 | – | 2 | 1 | 4* | 7 | 1 | 14 |
| PRAGUE - - | 377,109 | August 27 | 173 | 183 | 24·9 | – | 1 | – | 1 | – | 2 | 1 |
| BUDA-PESTH - | 648,104 | „ 27 | 418 | 264 | 21·2 | 1 | 4 | 5 | 5 | 2 | – | 3 |
| TRIESTE - - | 164,491 | „ 27 | 94 | 98 | 30·9 | – | – | – | 2* | 1 | 1 | 3 |
| ROME - - - | 489,965 | July 30 | 210 | 184 | 19·6 | – | 1 | – | – | – | 6§ | 3 |
| TURIN (10 days) | 344,203 | August 10 | 227 | 190 | 20·2 | – | 1 | – | – | 4 | 3 | 3 |
| VENICE - - | 167,074 | „ 20 | 67 | 89 | 27·8 | – | – | – | 1* | 3 | 3 | 1 |
| CAIRO - - | 570,062 | June 24 | – | – | – | – | – | – | – | – | – | – |
| ALEXANDRIA - | 319,766 | „ 24 | – | – | – | – | – | – | – | – | – | – |
| NEW YORK (including BROOKLYN) | 3,438,899 | August 20 | 1444 | 1341 | 20·4 | – | 6 | 5 | 13 | 17 | 18 | 29 |
| PHILADELPHIA - | 1,240,266 | „ 20 | – | – | – | – | – | – | – | – | – | – |

* Including deaths from croup.
† Including 3 deaths from plague in Calcutta and 163 in Bombay.
‡ Including 4 deaths from cholera in Calcutta, 2 in Bombay, and 71 in Madras.
§ Including 2 deaths from malarial fever.

| 1898. Month and Day. | Phases of the Moon. | Barometer. Mean daily reading (corrected and reduced to 32° Fahrenheit). | Temperature. Of the Air. High-est. | Temperature. Of the Air. Low-est | Temperature. Of the Air. Daily Range. | Temperature. Of the Air. Mean daily value. | Temperature. Of the Air. Departure from Average of 50 years. | Temperature. Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Difference. Great-est. | Difference. Least. | Degree of Humidity (Saturation equals 100). | Temperature. Of Radiation. Highest in Sun's Rays. | Temperature. Of Radiation. Lowest on the Grass. | Temperature. Of the Earth 3 feet below the Surface. | Wind as deduced from Anemometers. Osler's. General Direction. A.M. | Wind. Osler's. General Direction. P.M. | Wind. Osler's. Pressure on the Square Foot. Great-est. | Wind. Osler's. Pressure. Least. | Wind. Osler's. Pressure. Mean of 24 hourly obs. | Wind. Robinson's. Horizontal Movement of the Air on each Day. | Wind. Robinson's. Departure from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| September | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| Sunday - 4 | .. | 30·208 | 82·5 | 56·1 | 26·4 | 69·4 | +10·0 | 59·3 | 10·1 | 21·6 | 0·0 | 70 | 135·3 | 50·7 | 62·66 | NE. & E. | E. & ESE. | 1·7 | 0·0 | 0·0 | 131 | -130 | 0·00 | 0·0 |
| Monday - 5 | .. | 30·126 | 79·0 | 59·2 | 19·8 | 66·7 | + 7·4 | 62·2 | 4·5 | 14·8 | 0·0 | 85 | 133·0 | 53·7 | 62·91 | ESE. & E. | E. & ESE. | 2·7 | 0·0 | 0·1 | 203 | - 61 | 0·00 | 0·0 |
| Tuesday - 6 | .. | 29·974 | 80·1 | 60·9 | 19·2 | 68·2 | + 9·1 | 61·6 | 6·6 | 17·2 | 0·4 | 80 | 133·3 | 60·9 | 63·35 | ESE. | ESE. & E. | 2·2 | 0·0 | 0·1 | 220 | - 46 | 0·00 | 0·0 |
| Wednesday 7 | Last Quarter. | 29·885 | 84·8 | 59·1 | 25·7 | 70·5 | +11·6 | 63·4 | 7·1 | 19·2 | 0·0 | 78 | 135·6 | 59·1 | 63·70 | E. & calm | Calm, S. & SE. | 0·0 | 0·0 | 0·0 | 71 | -198 | 0·00 | 0·0 |
| Thursday- 8 | Greatest Dec. N. | 29·821 | 92·1 | 62·0 | 30·1 | 76·4 | +17·7 | 59·1 | 17·3 | 30·6 | 1·3 | 55 | 145·9 | 55·5 | 64·26 | SE. & S. | S. & SSW. | 2·8 | 0·0 | 0·1 | 200 | - 71 | 0·00 | 0·0 |
| Friday - 9 | Apogee | 29·732 | 89·8 | 64·0 | 25·8 | 75·3 | +16·8 | 56·7 | 18·6 | 30·1 | 4·7 | 53 | 140·4 | 55·4 | 64·55 | SSE. & SW. | WSW. | 2·0 | 0·0 | 0·1 | 215 | - 59 | 0·00 | 0·0 |
| Saturday - 10 | .. | 29·882 | 77·2 | 58·9 | 18·3 | 66·4 | + 8·1 | 49·0 | 17·4 | 28·4 | 5·7 | 54 | 131·3 | 53·9 | 64·73 | W. & NW. | WSW. & W. | 2·1 | 0·0 | 0·1 | 270 | - 7 | 0·00 | 0·0 |
| Means - - | | 29·947 | 83·6 | 60·0 | 23·6 | 70·4 | +11·5 | 58·8 | 11·7 | 23·1 | 1·7 | 68 | 136·4 | 55·6 | 63·74 | Variable | | .. | .. | .. | Sum 1310 | Sum -572 | Sum 0·00 | 0·0 |
| No. of Column - | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| Date. September | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. |
|---|---|---|---|
| Sunday - 4 | w. P. throughout - | 11·6 | 13·4 |
| Monday - 5 | w. P. throughout - | 7·0 | 13·3 |
| Tuesday - 6 | w. P. throughout - | 8·3 | 13·2 |
| Wednesday 7 | w. P. throughout - | 3·9 | 13·1 |
| Thursday- 8 | w. P. throughout - | 9·3 | 13·1 |
| Friday - 9 | w. P. increasing to m. P. | 9·7 | 13·0 |
| Saturday - 10 | m. P. in morning; v. P. afterwards. | 9·9 | 13·0 |
| | | Sum 59·7 | Sum 92·1 |
| No. of Col. - - | 27 | 28 | 29 |

## GENERAL REMARKS.

A very fine day; cloudless throughout; clouded up at midnight. Warm.

Overcast in morning; fine and partially cloudy till evening; overcast at night with fine misty rain. A warm day,

Overcast, damp and misty in early morning; cloudless and very fine between 10h. A.M. and 5h. P.M.; overcast with variable fog at night. Warm.

Overcast with dense fog in morning; fine and partially cloudy afterwards. Very warm day.

Partially cloudy in morning; cloudless afterwards. Solar halo between 9h. A.M. and 11h. A.M. A very fine and hot day. The maximum temperature recorded this day was higher than any September temperature recorded since 1868, September 7, when the maximum temperature was also 92°·1.

A very fine warm day. Cloudless till afternoon; slightly cloudy afterwards. Solar halo in afternoon. Aurora Borealis at night.

Very fine; generally cloudless.

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer increased from 30·22 in. at the beginning of the week to 30·24 in. by 10h. A.M. on the 4th; decreased to 29·72 in. by 3h. P.M. on the 9th; and increased to 29·91 in. by the end of the week.

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1898.

OFFICIAL COPY.

# WEEKLY RETURN
OF
# BIRTHS AND DEATHS IN LONDON
AND IN
# THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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No. 37. 1898. VOL. LIX.] WEEK ENDING SATURDAY, SEPT. 17. [Price 1½*d*.

*General Register Office, Somerset House,*
*September 19th*, 1898.

## THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 24·0 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000 :—

| TOWNS. | Weeks ending | | | | TOWNS. | Weeks ending | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Aug. 27. | Sept. 3. | Sept. 10. | Sept. 17. | | Aug. 27. | Sept. 3. | Sept. 10. | Sept. 17. |
| 33 Great Towns | 23·2 | 24·4 | 24·6 | 24·0 | Leicester - - | 24·0 | 26·2 | 23·5 | 23·0 |
| Birkenhead - | 29·0 | 22·1 | 23·0 | 20·3 | Liverpool - - | 30·9 | 30·9 | 29·7 | 29·6 |
| Birmingham - | 24·4 | 29·5 | 23·1 | 20·9 | London - - - | 21·5 | 22·0 | 23·2 | 21·2 |
| Blackburn - | 22·3 | 25·0 | 31·3 | 30·5 | Manchester - - | 24·4 | 30·0 | 30·3 | 31·0 |
| Bolton - - | 24·3 | 31·1 | 24·7 | 37·0 | Newcastle-on-Tyne | 26·7 | 29·5 | 33·9 | 30·9 |
| Bradford - | 18·3 | 21·6 | 21·9 | 24·3 | Norwich - - | 21·0 | 28·0 | 27·5 | 28·9 |
| Brighton - | 17·5 | 22·2 | 27·7 | 26·9 | Nottingham - - | 16·8 | 21·6 | 23·0 | 25·2 |
| Bristol - | 19·1 | 24·5 | 20·2 | 19·4 | Oldham - - | 16·5 | 17·2 | 17·2 | 20·4 |
| Burnley - | 22·4 | 18·1 | 21·9 | 30·5 | Plymouth - - | 24·2 | 18·9 | 27·4 | 22·1 |
| Cardiff - - | 18·2 | 19·1 | 16·4 | 22·0 | Portsmouth - - | 20·1 | 17·3 | 17·3 | 16·5 |
| Croydon - | 21·0 | 21·8 | 26·8 | 16·3 | Preston - - | 32·3 | 30·9 | 30·5 | 24·2 |
| Derby - - | 28·8 | 23·4 | 23·4 | 20·9 | Salford - - - | 28·8 | 36·7 | 35·5 | 34·8 |
| Gateshead - | 21·6 | 31·2 | 30·1 | 37·2 | Sheffield - - | 30·5 | 27·7 | 24·6 | 29·3 |
| Halifax - | 17·8 | 15·1 | 18·9 | 18·9 | Sunderland - - | 35·2 | 37·0 | 35·5 | 40·6 |
| Huddersfield- | 13·7 | 15·3 | 19·8 | 27·0 | Swansea - - | 16·9 | 18·4 | 17·4 | 15·8 |
| Hull - - | 27·9 | 27·9 | 30·2 | 30·6 | West Ham - - | 20·4 | 21·6 | 19·5 | 15·1 |
| Leeds - - | 25·7 | 22·0 | 23·5 | 24·0 | Wolverhampton - | 38·5 | 36·7 | 30·2 | 33·2 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were :—from *measles*, 1·1 in Plymouth ; from *scarlet fever*, 1·0 in Huddersfield ; from *whooping-cough*, 1·3 in Preston, 1·5 in Cardiff, and 3·2 in Halifax ; from "*fever*", 1·0 in Salford and 1·4 in Norwich ; and from *diarrhœa*, 5·0 in Cardiff and in Derby, 5·8 in Bristol and in Leeds, 6·8 in Brighton, 7·7 in Leicester and in Liverpool, 7·9 in Newcastle-on-Tyne, 8·0 in Bradford, 8·2 in Blackburn, 8·4 in Hull, 8·5 in Sheffield, 9·0 in Preston, 9·1 in Nottingham and in Manchester, 10·0 in Burnley, 10·1 in Wolverhampton, 10·2 in Huddersfield, 10·7 in Norwich, 11·4 in Salford, 11·9 in Bolton, 12·6 in Gateshead, and 15·2 in Sunderland. The 70 deaths from *diphtheria* included 29 in London, 10 in Leeds, 6 in West Ham, 5 in Manchester, 4 in Swansea, and 3 in Liverpool. No death from *small-pox* was registered in any of the thirty-three towns.

## LONDON.

In LONDON† 2499 BIRTHS and 1832 DEATHS were registered. Allowing for increase of population, the births were 168 below, and the deaths 439

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

above, the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 21·5, 22·0, and 23·2 in the preceding three weeks, fell again last week to 21·2. During the four weeks ending on Saturday last the death-rate averaged 22·0 per 1000, being 5·2 per 1000 above the mean rate in the corresponding periods of the ten years 1888–97.

The 1832 deaths included 8 from measles, 3 from scarlet fever, 29 from diphtheria, 25 from whooping-cough, 7 from enteric fever, 397 from diarrhœa and dysentery, 14 from cholera and choleraic diarrhœa, and not one death from small-pox, from typhus, or from any ill-defined form of continued fever; thus, 483 deaths were referred to these diseases, being 253 above the corrected average weekly number.

The deaths from *measles*, which had been 20, 11, and 16 in the preceding three weeks, fell again last week to 8, and were 12 below the corrected average. The deaths from *scarlet fever*, which had been 7, 5, and 8 in the preceding three weeks, fell again last week to 3, the corrected average being 22. The deaths from *diphtheria*, which had been 21, 19, and 30 in the preceding three weeks, were 29 last week, the corrected average being 42; 5 cases belonged to Mile End Old Town, and 3 to Newington sanitary areas. The deaths from *whooping-cough*, which had been 32, 29, and 40 in the preceding three weeks, fell again last week to 25, and were 6 below the corrected average. The fatal cases of *enteric fever*, which had been 9, 15, and 19 in the preceding three weeks, fell again last week to 7, and were 9 below the corrected average; 2 cases belonged to Greenwich sanitary area. The deaths from *diarrhœa*, which had been 463, 431, and 433 in the preceding three weeks, fell again last week to 397, but were 302 above the corrected average. Of the 397 deaths from diarrhœa, 385 were of children under 5 years of age; 114 more deaths at this age-period were described as due to *gastro-enteritis*, and are included under the heading enteritis in Table 4. The deaths referred to diseases of the respiratory organs, which had been 135, 127, and 130 in the preceding three weeks, further rose last week to 135, but were 21 below the corrected average. The deaths attributed directly to *influenza* numbered 4, having been 3, 2, and 2 in the preceding three weeks.

Different forms of violence caused 96 deaths, concerning all but 6 of which inquests were held. Of these 96 deaths, 12 were cases of suicide, while the remaining 84 were attributed to accident or negligence. Eleven of these were referred to vehicles in the streets, 7 to drowning, 8 to sunstroke, 1 to the effects of an anæsthetic administered for surgical purposes, and 16 (of infants under one year of age) to suffocation in bed.

## Cases of Infectious Sickness in Hospitals.*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2 cases of small-pox, 2319 of scarlet fever, 916 of diphtheria, and 127 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 242 cases, against 182, 238, and 273; of diphtheria, 158 cases, against 100, 117, and 144; and of enteric fever, 24 cases, against 21, 23, and 25.

## Greater London.

In Greater London 3464 births and 2485 deaths were registered, corresponding to annual rates of 28·2 and 20·2 per 1000 of the estimated population. In the Outer Ring 11 deaths from diphtheria, 7 from whooping-cough, 2 from "fever," and 205 from diarrhœal diseases (including cholera) were registered. Eight deaths from diphtheria and 51 from diarrhœal diseases occurred in West Ham district.

## Meteorology.

The mean reading of the Barometer last week at Greenwich was 29·95 inches, and that of the Thermometer 66·4; the latter being 8·6 above the week's average in the 50 years 1841–90. The direction of the wind was variable, the horizontal movement of the air being 26 per cent. below the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 56·8 hours; the measured rainfall amounted to 0·02 of an inch.

* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Registered during the Week ending 17th September 1898. Births. | Registered during the Week ending 17th September 1898. Deaths. | The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Annual Rate per 1000, corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6–12. | Temperature of the Air. Highest. Fahrenheit. | Lowest. Fahrenheit. | Mean. Fahrenheit. | Mean. Centigrade. | Rainfall. In Inches. | In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| **33 Towns** - | **11,218,378** | **6504** | **5165** | **2334** | **821** | **-** | **28** | **22** | **70** | **67** | **43** | **1315** | **172** | **303** | **841** | **54** | **24·0** | **7·2** | **89·9** | **47·0** | **62·6** | **17·00** | **0·08** | **0·20** | **33 Towns.** |
| London - - | 4,504,766 | 2499 | 1832 | 786 | 323 | - | 8 | 3 | 29 | 25 | 7 | 397 | 96 | 166 | 470 | 11 | 21·2 | 5·4 | 89·9 | 48·6 | 66·4 | 19·11 | 0·02 | 0·05 | London. |
| West Ham - - | 286,054 | 152 | 83 | 37 | 11 | - | - | 1 | 6 | 3 | 1 | 16 | 3 | 5 | 11 | 2 | 15·1 | 4·9 | - | - | - | - | - | - | West Ham. |
| Croydon - - | 124,421 | 53 | 39 | 19 | 11 | - | - | - | - | 1 | - | 11 | - | 1 | 3 | - | 16·3 | 5·0 | 87·2 | 49·0 | 64·9 | 18·28 | 0·11 | 0·28 | Croydon. |
| Brighton - - | 122,310 | 61 | 63 | 26 | 12 | - | - | - | - | - | 1 | 16 | 1 | 5 | 11 | - | 26·9 | 7·2 | 77·2 | 51·0 | 64·1 | 17·83 | 0·05 | 0·13 | Brighton. |
| Portsmouth - | 186,618 | 92 | 59 | 17 | 13 | - | 3 | 1 | - | - | 1 | 4 | 3 | 3 | 8 | 1 | 16·5 | 2·5 | 76·2 | 47·0 | 63·4 | 17·44 | 0·03 | 0·08 | Portsmouth. |
| Plymouth - - | 99,136 | 56 | 42 | 16 | 11 | - | 2 | - | - | - | - | 5 | 1 | 4 | 3 | - | 22·1 | 3·7 | - | - | - | - | - | - | Plymouth. |
| Bristol - - | 316,900 | 159 | 118 | 56 | 20 | - | - | - | - | 3 | - | 35 | 7 | 9 | 11 | - | 19·4 | 6·3 | 81·0 | 49·0 | 61·9 | 16·61 | 0·04 | 0·10 | Bristol. |
| Cardiff - - | 177,770 | 113 | 75 | 39 | 9 | - | - | - | - | 5 | 2 | 17 | 1 | 1 | 3 | - | 22·0 | 7·0 | - | - | - | - | - | - | Cardiff. |
| Swansea - - | 102,001 | 51 | 31 | 8 | 1 | - | - | 1 | 4 | 1 | 1 | 1 | 4 | 4 | 5 | 1 | 15·8 | 4·1 | - | - | - | - | - | - | Swansea. |
| Wolverhampton | 88,051 | 67 | 56 | 28 | 4 | - | - | - | 1 | 1 | 1 | 17 | - | - | 8 | - | 33·2 | 11·8 | 77·9 | 47·2 | 59·0 | 15·00 | 0·20 | 0·51 | Wolverhampton. |
| Birmingham - | 510,343 | 342 | 205 | 92 | 31 | - | - | - | 2 | 2 | 1 | 46 | 6 | 9 | 29 | 6 | 20·9 | 5·2 | - | - | - | - | - | - | Birmingham. |
| Norwich - - | 111,699 | 60 | 62 | 39 | 9 | - | 1 | - | - | - | 3 | 23 | 1 | 1 | 4 | - | 28·9 | 12·6 | 82·0 | 47·0 | 63·1 | 17·28 | 0·00 | 0·00 | Norwich. |
| Leicester - - | 208,662 | 105 | 92 | 44 | 17 | - | - | - | 1 | - | - | 31 | 1 | 1 | 8 | 2 | 23·0 | 8·0 | - | - | - | - | - | - | Leicester. |
| Nottingham - | 236,137 | 135 | 114 | 60 | 14 | - | 1 | - | 2 | - | 1 | 41 | 5 | 6 | 12 | - | 25·2 | 9·9 | 82·0 | 48·0 | 61·7 | 16·50 | 0·00 | 0·00 | Nottingham. |
| Derby - - - | 104,834 | 51 | 42 | 11 | 7 | - | - | 1 | - | - | - | 10 | 1 | 4 | 9 | - | 20·9 | 5·5 | - | - | - | - | - | - | Derby. |
| Birkenhead - | 113,189 | 64 | 44 | 17 | 5 | - | - | 1 | - | 1 | 2 | 1 | 1 | 1 | 7 | - | 20·3 | 2·3 | - | - | - | - | - | - | Birkenhead. |
| Liverpool - - | 633,645 | 444 | 360 | 151 | 57 | - | 3 | 3 | 3 | 1 | 4 | 93 | 9 | 14 | 58 | 12 | 29·6 | 8·8 | 78·2 | 53·0 | 61·7 | 16·50 | 0·43 | 1·09 | Liverpool. |
| Bolton - - | 122,495 | 62 | 87 | 37 | 12 | - | - | - | 1 | - | - | 28 | 3 | 7 | 8 | - | 37·0 | 12·3 | - | - | - | - | - | - | Bolton. |
| Manchester - | 539,079 | 354 | 321 | 142 | 53 | - | 2 | 1 | 5 | 1 | 1 | 94 | 2 | 13 | 43 | 3 | 31·0 | 10·1 | - | - | - | - | - | - | Manchester. |
| Salford - - | 215,702 | 144 | 144 | 72 | 15 | - | 3 | 3 | - | 1 | 4 | 47 | 2 | 3 | 18 | - | 34·8 | 14·0 | - | - | - | - | - | - | Salford. |
| Oldham - - | 148,288 | 73 | 58 | 27 | 15 | - | - | - | - | - | - | 14 | - | - | 1 | - | 20·4 | 4·9 | - | - | - | - | - | - | Oldham. |
| Burnley - - | 109,546 | 53 | 64 | 31 | 9 | - | - | - | 1 | - | 2 | 21 | 1 | 3 | 3 | - | 30·5 | 11·4 | - | - | - | - | - | - | Burnley. |
| Blackburn - - | 133,228 | 72 | 78 | 42 | 8 | - | 1 | 1 | 2 | - | - | 21 | 3 | 3 | 6 | 3 | 30·5 | 9·8 | - | - | - | - | - | - | Blackburn. |
| Preston - - | 116,356 | 56 | 54 | 34 | 2 | - | - | - | - | 3 | - | 20 | - | - | 1 | - | 24·2 | 10·3 | - | - | - | - | - | - | Preston. |
| Huddersfield - | 102,454 | 34 | 53 | 21 | 12 | - | - | 2 | - | 1 | - | 20 | - | - | 3 | 1 | 27·0 | 11·7 | 81·8 | 49·8 | 60·7 | 15·94 | 0·04 | 0·10 | Huddersfield. |
| Halifax - - | 96,729 | 38 | 35 | 15 | 9 | - | - | - | - | 6 | - | 8 | - | - | 2 | 1 | 18·9 | 7·5 | - | - | - | - | - | - | Halifax. |
| Bradford - - | 233,737 | 97 | 109 | 60 | 12 | - | - | 1 | 2 | 4 | - | 36 | 6 | 7 | 7 | - | 24·3 | 9·6 | 79·0 | 52·6 | 62·2 | 16·78 | 0·03 | 0·08 | Bradford. |
| Leeds - - - | 416,618 | 234 | 192 | 81 | 32 | - | 1 | 1 | 10 | - | 1 | 46 | 3 | 9 | 18 | 2 | 24·0 | 7·4 | - | - | - | - | - | - | Leeds. |
| Sheffield - - | 356,478 | 259 | 200 | 86 | 30 | - | - | - | - | 4 | 4 | 58 | 4 | 4 | 26 | 7 | 29·3 | 9·7 | - | - | - | - | - | - | Sheffield. |
| Hull - - - | 229,887 | 153 | 135 | 64 | 21 | - | - | - | 1 | - | 3 | 37 | 2 | 7 | 13 | 1 | 30·6 | 9·3 | 85·0 | 48·0 | 61·8 | 16·56 | 0·00 | 0·00 | Hull. |
| Sunderland - | 143,849 | 122 | 112 | 64 | 13 | - | 1 | 1 | - | 2 | 2 | 42 | 3 | 6 | 11 | - | 40·6 | 17·4 | - | - | - | - | - | - | Sunderland. |
| Gateshead - - | 103,775 | 77 | 74 | 42 | 6 | - | 1 | 1 | - | - | - | 25 | 1 | 4 | 3 | 1 | 37·2 | 13·6 | - | - | - | - | - | - | Gateshead. |
| Newcastle - - | 223,021 | 172 | 132 | 70 | 17 | - | 1 | - | - | 2 | 1 | 34 | 2 | 3 | 18 | - | 30·9 | 8·9 | - | - | - | - | - | - | Newcastle. |

See note * on first page of this return.

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the THIRTY-SEVENTH Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2488 | 2432 | 2539 | 2507 | 2547 | 2635 | 2569 | 2557 | 2440 | 2633 | 2667·3 | 2499 |
| Males | 1270 | 1279 | 1258 | 1275 | 1318 | 1350 | 1251 | 1289 | 1217 | 1353 | 1353·3 | 1266 |
| Females | 1218 | 1153 | 1281 | 1232 | 1229 | 1285 | 1318 | 1268 | 1223 | 1280 | 1314·0 | 1233 |
| TOTAL **Deaths** | 1330 | 1236 | 1410 | 1274 | 1381 | 1441 | 1241 | 1298 | 1251 | 1378 | 1393·2 | 1832 |
| Males | 664 | 652 | 736 | 678 | 723 | 728 | 624 | 659 | 683 | 740 | 724·7 | 972 |
| Females | 666 | 584 | 674 | 596 | 658 | 713 | 617 | 639 | 568 | 638 | 668·5 | 860 |

*The numbers in this column are the average weekly numbers in the thirty-seventh week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | June 25. | July 2. | July 9. | July 16. | July 23. | July 30. | Aug 6. | Aug. 13. | Aug. 20. | Aug. 27. | Sept. 3. | Sept. 10. | Sept. 17. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2385 | 2475 | 2502 | 2502 | 2505 | 2696 | 2335 | 2807 | 2489 | 2551 | 2650 | 2446 | 2499 |
| TOTAL **Deaths** | 1257 | 1256 | 1232 | 1214 | 1330 | 1452 | 1586 | 1772 | 2019 | 1856 | 1898 | 2007 | 1832 |
| Ages at Death: Under 1 year | 306 | 305 | 301 | 305 | 385 | 493 | 592 | 800 | 915 | 886 | 887 | 929 | 786 |
| 1—5 years | 167 | 173 | 142 | 157 | 152 | 175 | 198 | 212 | 233 | 222 | 203 | 244 | 211 |
| 5—20 " | 74 | 86 | 63 | 78 | 79 | 71 | 85 | 72 | 61 | 64 | 83 | 76 | 64 |
| 20—40 " | 187 | 181 | 171 | 179 | 152 | 181 | 158 | 151 | 172 | 157 | 189 | 200 | 178 |
| 40—60 " | 244 | 248 | 281 | 220 | 249 | 248 | 262 | 235 | 283 | 236 | 259 | 241 | 270 |
| 60—80 " | 228 | 227 | 223 | 220 | 254 | 226 | 238 | 255 | 295 | 243 | 226 | 256 | 269 |
| 80 year and upwards | 51 | 36 | 51 | 55 | 59 | 58 | 53 | 47 | 60 | 48 | 51 | 61 | 54 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Measles | 43 | 48 | 28 | 23 | 22 | 23 | 14 | 31 | 18 | 20 | 11 | 16 | 8 |
| Scarlet Fever | 8 | 12 | 8 | 8 | 8 | 7 | 8 | 10 | 17 | 7 | 5 | 8 | 3 |
| Diphtheria | 21 | 29 | 27 | 39 | 29 | 21 | 30 | 27 | 26 | 21 | 19 | 30 | 29 |
| Whooping-cough | 39 | 42 | 41 | 40 | 38 | 30 | 29 | 34 | 32 | 32 | 29 | 40 | 25 |
| Typhus | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Enteric Fever | 4 | 10 | 7 | 4 | 8 | 7 | 10 | 2 | 13 | 9 | 15 | 19 | 7 |
| Simple Continued Fever | – | – | – | – | – | – | – | 1 | 1 | – | 1 | – | – |
| Diarrhœa and Dysentery | 17 | 22 | 25 | 52 | 69 | 138 | 227 | 328 | 433 | 463 | 431 | 433 | 397 |
| Cholera | – | – | – | 3 | 2 | 8 | 13 | 15 | 14 | 14 | 13 | 13 | 14 |
| All the above Diseases | 132 | 163 | 136 | 169 | 176 | 234 | 331 | 448 | 554 | 566 | 524 | 559 | 483 |
| Dis. of Respiratory System | 171 | 162 | 160 | 175 | 148 | 173 | 174 | 171 | 196 | 135 | 127 | 130 | 135 |
| Phthisis | 140 | 149 | 150 | 126 | 148 | 133 | 124 | 139 | 115 | 107 | 144 | 140 | 133 |
| Dis. of Circulatory System | 92 | 111 | 107 | 91 | 119 | 116 | 122 | 127 | 112 | 106 | 116 | 111 | 123 |
| Violence | 71 | 56 | 56 | 55 | 64 | 80 | 73 | 61 | 67 | 73 | 60 | 71 | 96 |
| Inquest Cases | 112 | 126 | 112 | 119 | 127 | 164 | 139 | 131 | 139 | 150 | 124 | 135 | 166 |
| Deaths in Public Institutions | 418 | 397 | 404 | 367 | 434 | 446 | 413 | 428 | 500 | 407 | 469 | 470 | 470 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean | 60°·5 | 59°·3 | 60°·0 | 61°·9 | 62°·8 | 61°·0 | 63°·8 | 61°·9 | 69°·5 | 65°·4 | 61°·1 | 70°·4 | 66°·4 |
| Mean of Highest readings | 70·5 | 69·3 | 70·1 | 73·4 | 74·2 | 70·4 | 75·9 | 72·2 | 82·1 | 76·8 | 73·2 | 83·6 | 79·5 |
| Mean of Lowest readings | 53·1 | 51·6 | 52·0 | 50·9 | 54·2 | 54·1 | 52·7 | 53·6 | 59·3 | 55·8 | 50·5 | 60·0 | 55·1 |
| Humidity of the Air | 74 | 75 | 71 | 68 | 74 | 76 | 69 | 76 | 69 | 73 | 67 | 68 | 64 |
| Rain-fall (in inches) | 0·47 | 0·84 | 0·00 | 0·02 | 0·45 | 0·72 | 0·06 | 0·56 | 0·03 | 0·14 | 0·08 | 0·00 | 0·02 |
| Registered Sunshine (in hours) | 39·3 | 45·6 | 40·4 | 52·0 | 36·1 | 25·6 | 58·4 | 35·6 | 61·0 | 45·1 | 60·7 | 59·7 | 56·8 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox | – | – | – | – | – | – | 1 | 1 | 2 | 2 | 2 | 3 | 2 |
| Scarlet Fever | 2238 | 2205 | 2250 | 2314 | 2355 | 2321 | 2326 | 2293 | 2241 | 2178 | 2240 | 2300 | 2319 |
| Diphtheria | 999 | 976 | 1013 | 1033 | 1034 | 1022 | 1024 | 953 | 937 | 903 | 869 | 893 | 916 |
| Enteric Fever | 52 | 53 | 62 | 68 | 85 | 87 | 97 | 106 | 106 | 115 | 118 | 119 | 127 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq. F.R.Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and T. Boobbyer Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst.C.E., Bradford; and Mr. E. Peak, Hull.

ABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-SEVENTH Week of the Year 1898.

| USES OF DEATH. | Corrected Averages for the 37th Week of the 10 years 1888-97*. | In the Week ending Saturday, 17th September 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0–1. | 1–5. | 5–20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| USES - - - | 1393·2 | 1832 | 786 | 211 | 64 | 178 | 270 | 269 | 54 |
| - Vaccinated† - | 0·1 | - | - | - | - | - | - | - | - |
| - Unvaccinated | 0·3 | - | - | - | - | - | - | - | - |
| - No Statement | 0·2 | - | - | - | - | - | - | - | - |
| s - - - - | 19·9 | 8 | 3 | 5 | - | - | - | - | - |
| Fever - - - | 21·9 | 3 | - | 1 | 2 | - | - | - | - |
| s - - - - | 0·2 | - | - | - | - | - | - | - | - |
| ing Fever - - | - | - | - | - | - | - | - | - | - |
| nza - - - - | 2·3 | 4 | - | - | - | 2 | - | 2 | - |
| ing-cough - - | 30·7 | 26 | 14 | 11 | - | - | - | - | - |
| eria - - | 42·4 | 29 | 5 | 16 | 8 | - | - | - | - |
| Continued and efined Fever - | 0·3 | - | - | - | - | - | - | - | - |
| c Fever - - - | 16·1 | 7 | - | - | 2 | 5 | - | - | - |
| a and Chol. Diarr. | 2·3 | 14 | 10 | 2 | - | - | 2 | - | - |
| œa, Dysentery - | 95·1 | 397 | 322 | 63 | - | 1 | 4 | 5 | 2 |
| ent Fever - - | - | - | - | - | - | - | - | - | - |
| phobia - - - | - | - | - | - | - | - | - | - | - |
| rs - - - - | - | - | - | - | - | - | - | - | - |
| x and Effects of nation - - | 0·2 | - | - | - | - | - | - | - | - |
| al Affections - - | 11·8 | 6 | 5 | 1 | - | - | - | - | - |
| elas - - - | 4·2 | 3 | - | - | - | - | 2 | - | 1 |
| a and Septicæmia | 3·1 | - | - | - | - | - | - | - | - |
| ral Fever - - | 4·4 | 1 | - | - | - | 1 | - | - | - |
| Zymotic Diseases | 0·5 | - | - | - | - | - | - | - | - |
| - - - - - | 1·4 | 3 | 3 | - | - | - | - | - | - |
| and other Para- l Diseases - | 0·4 | 1 | - | - | - | 1 | - | - | - |
| ion, Want of st-milk - - | 3·1 | 2 | 2 | - | - | - | - | - | - |
| lism - - - | 10·4 | 12 | - | - | - | 4 | 8 | - | - |
| atic Fever, matism of Heart | 7·2 | 8 | - | - | 1 | 3 | 4 | - | - |
| atism - - - | 1·5 | 1 | - | - | - | - | - | 1 | - |
| - - - - | 2·4 | 2 | - | - | - | - | - | - | 2 |
| s - - - - | 3·2 | 10 | 6 | 4 | - | - | - | - | - |
| - - - - | 66·1 | 72 | - | - | - | 3 | 30 | 38 | 1 |
| Mesenterica - - | 34·0 | 32 | 21 | 8 | 1 | 2 | - | - | - |
| ular Meningitis - | 19·3 | 23 | 14 | 8 | 1 | - | - | - | - |
| s - - - - | 141·6 | 133 | 1 | 3 | 7 | 67 | 51 | 4 | - |
| a, Tuberculosis - | 18·4 | 17 | 9 | 3 | 3 | 1 | 1 | - | - |
| Constitutional ses - - | 12·6 | 6 | - | - | 2 | 1 | 2 | 1 | - |
| ture Birth - - | 43·2 | 43 | 43 | - | - | - | - | - | - |
| asis - - - | 3·8 | 5 | 5 | - | - | - | - | - | - |
| ital Malforma- - - - | 8·4 | 9 | 8 | 1 | - | - | - | - | - |
| e - - - - - | 41·3 | 44 | - | - | - | - | - | 21 | 23 |
| xy - - - - | 36·9 | 41 | - | - | - | 1 | 13 | 18 | 9 |
| sy - - - - | 8·7 | 5 | - | - | - | 3 | 1 | 1 | - |
| sions - - - | 41·1 | 26 | 24 | 2 | - | - | - | - | - |
| Diseases of Brain Nervous System | 78·6 | 106 | 15 | 13 | 4 | 10 | 22 | 40 | 2 |
| es of Organs of al Sense - | 2·2 | 3 | - | 1 | 1 | 1 | - | - | - |

| CAUSES OF DEATH | Corrected Averages for the 37th Week of the 10 years 1888-97*. | In the Week ending Saturday, 17th September 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0–1. | 1–5. | 5–20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 107·1 | 123 | - | 1 | 7 | 18 | 37 | 57 | 3 |
| Croup - - - - | 4·7 | - | - | - | - | - | - | - | - |
| Bronchitis - - - | 77·4 | 51 | 23 | 5 | 1 | 2 | 4 | 12 | 4 |
| Pneumonia - - - | 54·2 | 66 | 17 | 14 | 6 | 8 | 17 | 3 | 1 |
| Pleurisy - - - - | 3·2 | 1 | - | - | - | - | 1 | - | - |
| Other Diseases of Respiratory System - | 16·8 | 17 | 2 | 1 | - | - | 8 | 6 | - |
| Dentition - - - - | 6·6 | 4 | 3 | 1 | - | - | - | - | - |
| Quinsy, Sore Throat - | 1·3 | 1 | - | - | - | - | - | 1 | - |
| Enteritis - - - - | 31·4 | 152 | 112 | 29 | 2 | 2 | 3 | 3 | 1 |
| Peritonitis - - - | 7·4 | 6 | - | - | 1 | 4 | 1 | - | - |
| Diseases of Liver - - | 26·4 | 27 | 3 | - | 1 | 3 | 13 | 7 | - |
| Other Diseases of Digestive System | 28·8 | 31 | 8 | 2 | 3 | 3 | 5 | 10 | - |
| Diseases of Lymphatic System & of Ductless Glands - - - | 2·1 | 1 | - | - | - | - | - | 1 | - |
| Diseases of Urinary System - - - | 42·3 | 49 | 2 | - | 1 | 7 | 20 | 17 | 2 |
| Diseases of Generative System - - - | 5·4 | 10 | 1 | - | - | 5 | 3 | 1 | - |
| Accidents of Childbirth - | 3·9 | 3 | - | - | - | 3 | - | - | - |
| Diseases of Locomotive System - - - | 4·5 | 2 | - | 1 | 1 | - | - | - | - |
| Diseases of Integumentary System - - | 5·5 | 8 | 2 | - | - | - | 1 | 3 | 2 |
| VIOLENT DEATHS.‡ (ACCIDENT.) | | | | | | | | | |
| By Railways - - - | 50·1 | 3 | - | 1 | - | 1 | - | 1 | - |
| By Vehicles or Horses - | | 11 | - | 1 | - | 2 | 4 | 4 | - |
| In Ships, Boats, Docks, (exclusive of Drowning) - - - | | - | - | - | - | - | - | - | - |
| In Building Operations - | | 3 | - | - | 1 | 1 | 1 | - | - |
| In Conflagrations - | | - | - | - | - | - | - | - | - |
| By Burns, Scalds, Explosions - - | | 5 | - | 2 | 2 | - | - | 1 | - |
| By Drowning - - - | | 7 | 1 | 1 | 3 | 2 | - | - | - |
| By Suffocation in Bed - | | 16 | 16 | - | - | - | - | - | - |
| By Poisons or Poisonous Vapours - - | | 1 | - | - | - | - | 1 | - | - |
| Other or not stated causes - - - | | 38 | 8 | 8 | 1 | 8 | 5 | 7 | 1 |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - | 1·5 | - | - | - | - | - | - | - | - |
| Suicide - - - - | 10·6 | 12 | - | - | 1 | 3 | 5 | 3 | - |
| Execution - - - | - | - | - | - | - | - | - | - | - |
| OTHER CAUSES - - | 60·2 | 83 | 78 | 2 | 1 | - | 1 | 1 | - |

e numbers in this column are the average weekly deaths for the ten years 1888–97, raised by 5·230 per cent. for increase ulation.

y those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered l men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

e evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of nt. murder manslaughter or suicide. All such cases are classed under "accident."

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEAS SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in e SUB-DISTRICT during the Week ending Saturday, 17th September, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2499 | 1832 | 786 | 323 | - | 8 | 3 | 29 | 25 | - | 7 | - | 397 | 96 | 166 | 470 |
| WEST DISTRICTS - - - | 778,251 | 342 | 283 | 107 | 54 | - | 1 | - | 3 | 4 | - | - | - | 58 | 15 | 27 | 94 |
| NORTH DISTRICTS - - - | 1,040,694 | 565 | 415 | 179 | 81 | - | 2 | 1 | 6 | 7 | - | - | - | 74 | 21 | 37 | 97 |
| CENTRAL DISTRICTS - - - | 233,635 | 135 | 112 | 46 | 21 | - | 1 | - | - | - | - | 1 | - | 25 | 8 | 11 | 38 |
| EAST DISTRICTS - - - | 716,334 | 459 | 334 | 154 | 46 | - | 4 | - | 4 | 2 | - | - | - | 71 | 22 | 38 | 82 |
| SOUTH DISTRICTS - - - | 1,642,796 | 998 | 662 | 300 | 105 | - | - | 2 | 16 | 12 | - | 6 | - | 169 | 30 | 53 | 133 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | — | - | 26 | - | 16 | - | - | - | - | - | - | - | - | - | - | - | 26 |
| WEST DISTRICTS. | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 41 | 43 | 18 | 11 | - | - | - | - | 1 | - | - | - | 6 | 2 | 5 | 8 |
| St. John Paddington *H* - - G. | 33,510 | 5 | 13 | 3 | 2 | - | - | - | - | - | - | - | - | 2 | 3 | 4 | 10 |
| Kensington Town *Ww* - - W. | 122,164 | 60 | 42 | 19 | 9 | - | - | - | - | 1 | - | - | - | 10 | 1 | 2 | 17 |
| Brompton *HH*- - - W. & C. | 48,301 | 11 | 13 | 1 | - | - | - | - | - | - | - | - | - | - | 2 | 2 | 7 |
| St. Peter Hammersmith - - W. | 9,097 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Paul Hammersmith *HH* W. & G. | 25,102 | 35 | 35 | 19 | 7 | - | 1 | - | - | - | - | - | - | 12 | 2 | 4 | 3 |
| Fulham *Ww* - - - W. & C. | 113,781 | 86 | 52 | 26 | 7 | - | - | - | 3 | - | - | - | - | 16 | 2 | 3 | 14 |
| Chelsea Kensal Town - C. | 21,450 | 12 | 6 | 1 | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - |
| Chelsea North *WHHHHH* - C. | 42,057 | 17 | 15 | 5 | 3 | - | - | - | - | 1 | - | - | - | 3 | - | 1 | 3 |
| Chelsea South *HH* - - C. | 33,139 | 13 | 10 | 5 | 2 | - | - | - | - | - | - | - | - | 3 | 1 | 3 | 1 |
| May Fair *W* - - - - G. | 23,827 | 5 | 11 | - | 6 | - | - | - | - | - | - | - | - | - | 1 | 1 | 11 |
| Belgrave *WHHH* - - - C. | 56,140 | 20 | 19 | 3 | 4 | - | - | - | - | - | - | - | - | 2 | 1 | 2 | 10 |
| St. John Westminster *HH* - C. | 31,492 | 20 | 8 | 2 | 1 | - | - | - | - | - | - | - | - | 2 | - | - | 1 |
| St. Margaret Westminster *H*- C. | 22,097 | 12 | 8 | 2 | - | - | - | - | - | - | - | - | - | 2 | - | - | 8 |
| St. James Westminster *WHH* N. & G. | 23,050 | 2 | 5 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 1 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| NORTH DISTRICTS. | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - - W. | 36,595 | 10 | 7 | 1 | 4 | - | - | - | - | - | - | - | - | - | - | - | 3 |
| Rectory Marylebone *W* G. & W. | 19,798 | 6 | 4 | 1 | - | - | - | - | - | - | - | - | - | 2 | - | - | - |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 25 | 4 | 2 | 1 | - | - | - | - | - | - | - | - | - | 1 | 1 | 1 |
| Christchurch Marylebone *H* - W | 32,547 | 18 | 9 | 5 | 2 | - | - | - | - | 1 | - | - | - | 1 | - | 1 | - |
| St. John Marylebone *HHH* W. | 32,611 | 19 | 13 | 6 | 3 | - | - | - | - | - | - | - | - | 1 | 2 | 3 | - |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 34 | 25 | 11 | 2 | - | - | - | 3 | - | - | - | - | 1 | - | 1 | 8 |
| Regent's Park Pancras *HH* - W. | 37,341 | 17 | 14 | 8 | 1 | - | - | - | - | - | - | - | - | 6 | 1 | 2 | 1 |
| Tottenham-court *wHHHH* - N. & W. | 26,757 | 12 | 31 | 8 | 7 | - | - | - | - | - | - | - | - | 2 | 2 | 4 | 17 |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 22 | 11 | 5 | 1 | - | - | - | - | - | - | - | - | 2 | 2 | 3 | 6 |
| Somers Town *HH* - - - N. | 32,161 | 13 | 15 | 8 | 2 | - | - | - | - | 1 | - | - | - | 5 | 2 | 2 | 3 |
| Camden Town *WH* - - N. | 16,669 | 16 | 19 | 8 | 6 | - | - | - | - | 2 | - | - | - | 1 | - | - | 12 |
| Kentish Town *WW* - - N. | 98,410 | 58 | 39 | 23 | 6 | - | 1 | - | - | - | - | - | - | 10 | 2 | 2 | 3 |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 69 | 50 | 17 | 10 | - | - | - | - | 2 | - | - | - | 4 | 2 | 3 | 22 |
| Islington South-west H - N. | 107,365 | 53 | 42 | 21 | 6 | - | 1 | - | 1 | 1 | - | - | - | 12 | 2 | 1 | - |
| Islington South-east - - N. | 66,549 | 43 | 21 | 12 | 4 | - | - | - | - | - | - | - | - | 6 | 1 | 4 | - |
| Highbury *HH* - - - N. | 64,577 | 20 | 25 | 9 | 8 | - | - | - | - | - | - | - | - | 4 | 2 | 3 | - |
| Stoke Newington *H* - - N. | 33,485 | 15 | 8 | 3 | 2 | - | - | - | - | - | - | - | - | 2 | - | - | - |
| North Hackney - - E. & N. | 213,044 | 17 | 12 | 6 | 2 | - | - | - | - | - | - | - | - | 4 | 2 | 3 | - |
| Central Hackney *ww* - E. & N. | | 25 | 10 | 5 | - | - | - | 1 | 2 | - | - | - | - | 2 | - | - | 3 |
| South-west Hackney *HHH* E. & N. | | 34 | 19 | 8 | 4 | - | - | - | - | - | - | - | - | 1 | - | 2 | 2 |
| South-east Hackney *WwH* E.&N. | | 39 | 37 | 12 | 10 | - | - | - | - | - | - | - | - | 8 | - | 2 | 16 |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated there namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers ar received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. Th Roman capitals signify the Water Companies which supply the different Sub-districts:—G. signifies Grand Junctio Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River E Ea London; and K. the Kent Company.

* See note † on first page of this Return.

BLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday, 17th September, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **CENTRAL DISTRICTS.** | | | | | | | | | | | | | | | | | | |
| George Bloomsbury - - N. | 16,110 | 7 | 3 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Giles South *WH* - - N. | 12,976 | 16 | 8 | 3 | 1 | - | - | - | - | - | - | - | - | 2 | 1 | 1 | 1 | - |
| Giles North *H* - - - N. | 9,151 | 3 | 2 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Martin-in-the-Fields *HH* N. & C. | 13,077 | - | 8 | 2 | 2 | - | - | - | - | - | - | - | - | - | 2 | 2 | 6 | - |
| and *WHH* - - - - N. | 11,839 | 6 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| *and Union Workhouse, Edmonton* | †1,037 | - | 5 | 2 | 3 | - | - | - | - | - | - | - | - | 1 | - | - | 5 | - |
| Iborn *wHHHHHH* - N. | 31,042 | 10 | 16 | 9 | 1 | - | - | - | - | - | - | - | - | 3 | - | 1 | 8 | - |
| James Clerkenwell - - N. | 15,777 | 5 | 5 | 1 | 1 | - | - | - | - | - | - | - | - | 1 | - | 1 | - | - |
| well Clerkenwell - - N. | 34,356 | 22 | 13 | 8 | - | - | 1 | - | - | - | - | - | - | 4 | 1 | 1 | - | - |
| well-street - - - - N. | 16,069 | 10 | 10 | 6 | 3 | - | - | - | - | - | - | - | - | 4 | - | - | - | - |
| -road *HHHL* - - - N. | 29,897 | 39 | 13 | 4 | 1 | - | - | - | - | - | - | - | - | 4 | 1 | 1 | - | - |
| itecross-street - - - N. | 7,595 | 2 | 6 | 5 | 1 | - | - | - | - | - | - | - | - | 5 | - | - | - | - |
| sbury - - - - - N. | 4,035 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| *Iborn Union Workhouse, Hitcham* - - - - | †892 | - | 2 | - | 1 | - | - | - | - | - | - | - | - | 1 | - | - | 2 | - |
| Botolph *H* - - N. & E. | 6,870 | 5 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| plegate - - - - N. | 3,299 | 3 | 1 | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - |
| Sepulchre *WH* - - - N. | 9,591 | 4 | 15 | 1 | 4 | - | - | - | - | - | - | - | - | - | 3 | 4 | 14 | - |
| allows Barking - - - N. | 9,059 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| nd Street *H* - - - N. | 2,892 | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| *of London Asylum, Stone* - - | †388 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| **EAST DISTRICTS.** | | | | | | | | | | | | | | | | | | |
| reditch South *Hl* - E. & N. | 17,975 | 6 | 6 | 4 | - | - | - | - | - | - | - | - | - | 2 | 1 | 2 | 2 | - |
| ton New Town *w* - - N. | 29,575 | 26 | 19 | 7 | 4 | - | - | - | - | - | - | - | - | 3 | 2 | 4 | 6 | - |
| ton Old Town - - - N. | 27,645 | 22 | 12 | 5 | 1 | - | - | - | 1 | - | - | - | - | 3 | 1 | 3 | - | - |
| gerston *WH* - - N. & E. | 47,163 | 31 | 26 | 15 | 5 | - | - | - | - | - | - | - | - | 7 | 3 | 4 | 11 | 1 |
| nal Green North *H* - E. | 49,301 | 40 | 21 | 11 | 1 | - | 1 | - | - | - | - | - | - | 6 | 1 | 1 | 1 | - |
| nal Green South - - E. | 34,194 | 24 | 20 | 9 | 4 | - | - | - | - | - | - | - | - | 6 | 2 | 2 | - | - |
| nal Green East *WHl* - E. | 45,667 | 20 | 19 | 5 | 5 | - | 1 | - | - | - | - | - | - | - | - | 2 | 10 | - |
| alfields - - - E. & N. | 26,681 | 10 | 8 | 6 | - | - | 1 | - | - | - | - | - | - | 1 | 1 | 3 | - | - |
| End New Town *W* - E. | 12,816 | 10 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| techapel Church *H* - E. & N. | 25,561 | 14 | 28 | 8 | 1 | - | - | - | - | - | - | - | - | 2 | 5 | 6 | 21 | - |
| lman's Fields - - - E. | 13,618 | 6 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| eorge's North - - - E. | 39,576 | 18 | 11 | 7 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ohn, St. George East *W* E. | 7,930 | 5 | 14 | 4 | 3 | - | - | - | - | 1 | - | - | - | 2 | - | - | 10 | - |
| lwell *H* - - - E. & N. | 10,434 | 7 | 13 | 8 | 1 | - | - | - | - | - | - | - | - | 5 | - | - | 10 | - |
| liff *W* - - - - E. | 14,954 | 11 | 5 | 2 | - | - | - | - | - | - | - | - | - | 2 | - | 1 | - | - |
| house - - - - E. | 32,917 | 30 | 15 | 6 | 4 | - | - | - | - | - | - | - | - | 4 | 2 | 3 | - | - |
| End Old Town West *H* E. | 111,060 | 31 | 19 | 12 | 2 | - | - | - | 3 | - | - | - | - | 6 | - | - | - | - |
| End Old Town East *Www* - E. | | 33 | 10 | 4 | 2 | - | - | - | - | - | - | - | - | 3 | - | 1 | 2 | - |
| *l* - - - - E. | 41,687 | 27 | 28 | 13 | 2 | - | 1 | - | - | - | - | - | - | 6 | 3 | 4 | 1 | - |
| nley *wwwH* - - - E. | 69,821 | 45 | 30 | 17 | 6 | - | - | - | - | 1 | - | - | - | 10 | - | 1 | 6 | - |
| ar *WW* - - - - E. | 57,759 | 43 | 25 | 11 | 4 | - | - | - | - | - | - | - | - | 3 | 1 | 1 | 2 | - |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX MEASLES SCARLET FEVER. DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA. VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 17th September, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WHL*.&S. | 13,064 | 7 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Saviour Southwark - - S. | 12,301 | 12 | 3 | 2 | - | - | - | - | - | - | - | - | - | 3 | - | - | - |
| Kent-road - - - - S. & L. | 22,879 | 23 | 8 | 4 | 2 | - | - | - | 1 | - | - | - | - | 3 | 1 | 1 | - |
| Borough-road *WH* - S. & L. | 16,083 | 8 | 11 | 6 | - | - | - | - | - | - | - | - | - | 7 | 1 | 2 | 3 |
| London-road *HL* - - L. & S. | 21,316 | 4 | 6 | 4 | 1 | - | - | - | - | - | - | - | - | 2 | - | 1 | - |
| Trinity Newington - - S. & L. | 28,723 | 16 | 10 | 3 | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - |
| St. Peter Walworth *W* - S. & L. | 62,045 | 39 | 31 | 18 | 1 | - | - | - | - | 3 | - | - | - | 12 | - | 1 | 2 |
| St. Mary Newington- - L. & S. | 30,171 | 19 | 10 | 5 | 1 | - | - | - | 1 | 1 | - | - | - | 4 | - | - | - |
| St. Olave *WH*- - - - S. | 11,731 | 3 | 15 | 2 | 5 | - | - | - | - | - | - | - | - | 2 | 3 | 3 | 13 |
| Bermondsey* *W* - - - S. | 85,475 | 62 | 25 | 13 | 3 | - | - | - | - | - | - | - | - | 9 | 2 | 2 | - |
| Rotherhithe *WwH* - S. & K. | 40,379 | 28 | 21 | 4 | 6 | - | - | - | - | 1 | - | - | - | 2 | 1 | 3 | 9 |
| Waterloo-road *HH* - L. & S. | 28,396 | 26 | 14 | 8 | 1 | - | - | - | - | - | - | - | - | 1 | - | 1 | 2 |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 13 | 18 | 8 | 1 | - | - | - | - | - | - | - | - | 4 | 4 | 4 | 12 |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 33 | 22 | 9 | 5 | - | - | - | - | - | - | - | - | 3 | - | 3 | 9 |
| Kennington 1st *H* - - S. & L. | 52,486 | 36 | 17 | 8 | 4 | - | - | - | - | - | - | - | - | 6 | - | - | 1 |
| Kennington 2nd - - S. & L. | 43,244 | 15 | 8 | 4 | 2 | - | - | - | - | - | - | - | - | 4 | - | - | - |
| Brixton *w* - - - L. & S | 81,825 | 57 | 37 | 16 | 7 | - | - | 2 | 2 | 2 | - | - | - | 5 | 1 | 3 | 3 |
| Norwood *WH*- - - - L. | 29,318 | 12 | 14 | 6 | 4 | - | - | - | - | - | - | - | - | 4 | - | 1 | 1 |
| East Battersea - - - - S. | 71,730 | 48 | 18 | 5 | 2 | - | - | - | - | - | - | - | - | 2 | 1 | 3 | - |
| West Battersea *WwH* - - S | 93,385 | 56 | 35 | 16 | 7 | - | - | - | - | - | - | - | - | 10 | 1 | 1 | 11 |
| Clapham *H* - - - - S. | 46,953 | 25 | 14 | 10 | 2 | - | - | - | 2 | 1 | - | - | - | 5 | - | - | - |
| Wandsworth *WHHL* - - S. | 58,101 | 43 | 10 | 6 | 1 | - | - | - | - | - | - | - | - | 3 | - | 2 | - |
| Putney - - - - - S. | 20,566 | 11 | 6 | 3 | 1 | - | - | - | - | - | - | - | - | 3 | - | - | - |
| Streatham *WwwwL* - - L. | 61,644 | 38 | 19 | 8 | 5 | - | - | - | 3 | - | - | - | - | 4 | - | 1 | 3 |
| Dulwich - - - - L. & S. | 7,519 | 1 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| Camberwell *Wwll* - S. & L. | 90,286 | 51 | 50 | 16 | 14 | - | - | - | - | 1 | - | - | - | 6 | 1 | 2 | 23 |
| Peckham *WW* - S., L., & K | 88,242 | 53 | 27 | 13 | 4 | - | - | - | - | - | - | - | - | 9 | - | 2 | - |
| St. George Camberwell - L. & S. | 67,029 | 33 | 19 | 11 | - | - | - | - | - | 1 | - | - | - | 5 | - | - | - |
| Deptford North - - - K. | 36,152 | 25 | 23 | 11 | 3 | - | - | - | - | - | - | 1 | - | 3 | 1 | 2 | - |
| Deptford Central *w* - - K. | 45,441 | 23 | 29 | 11 | - | - | - | - | 4 | - | - | 4 | - | 11 | 1 | 1 | 8 |
| Deptford South - - - K. | 33,402 | 14 | 7 | 6 | - | - | - | - | - | - | - | - | - | 4 | - | - | - |
| Greenwich West *H* - - K. | 23,012 | 16 | 12 | 8 | 3 | - | - | - | - | - | - | - | - | 3 | - | - | - |
| Greenwich East *WH* - - K. | 37,767 | 28 | 28 | 12 | 5 | - | - | - | - | - | - | 1 | - | 6 | 2 | 2 | 12 |
| Eltham *wH* - - - - K. | 5,911 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Lee *H* - - - - - K. | 24,222 | 8 | 6 | 3 | 1 | - | - | - | - | - | - | - | - | 1 | 1 | 1 | - |
| Lewisham *WwH* - - - K. | 38,139 | 29 | 26 | 10 | 5 | - | - | - | 1 | - | - | - | - | 7 | 2 | 2 | 13 |
| Sydenham *H* - - - - L. | 37,601 | 22 | 10 | 5 | 1 | - | - | - | - | 1 | - | - | - | 1 | 1 | 1 | - |
| Charlton *wHH* - - K. | 15,928 | 8 | 11 | 5 | - | - | - | - | 2 | - | - | - | - | 4 | 1 | 2 | 4 |
| Woolwich Dockyard - - K. | 19,355 | 11 | 8 | 6 | - | - | - | - | - | - | - | - | - | 4 | 1 | 1 | - |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 15 | 7 | 4 | - | - | - | - | - | 1 | - | - | - | 2 | - | 1 | - |
| Plumstead West *H* - - K. | 16,714 | 5 | 6 | 2 | 1 | - | - | - | - | - | - | - | - | 2 | 1 | 1 | - |
| Plumstead East *WH* - - K. | 42,538 | 22 | 17 | 7 | 6 | - | - | - | - | - | - | - | - | 3 | 2 | 2 | 4 |
| Banstead Asylum - - - - | — | - | 4 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 4 |
| Caterham Asylum - - - - | — | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 |
| Cane Hill Asylum - - - - | — | - | 6 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | 6 |
| Hospital Ships and Camp, Dartford | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Darenth Asylum - - - - | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Hanwell Asylum - - - - | — | - | 6 | - | 4 | - | - | - | - | - | - | - | - | - | - | - | 6 |
| Colney Hatch Asylum - | — | - | 5 | - | 5 | - | - | - | - | - | - | - | - | - | - | - | 5 |
| N.E. Hospital - - - - | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Winchmore Hill Hospital - - | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Leavesden Asylum - - - - | — | - | 4 | - | 3 | - | - | - | - | - | - | - | - | - | - | - | 4 |
| Claybury Asylum - - - - | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

* The two Sub-Districts of Leather Market and St. James Bermondsey were united on 1st September, and called Bermondsey.

E 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week nding Saturday, 17th September, 1898.

| REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years & upwds. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NDON—OUTER RING - | 368,749 | 1,422,063 | 965 | 653 | 341 | 115 | - | 1 | 1 | 11 | 7 | 2 | 200 | 12 | 26 | 50 | 5 |
| Carshalton *wHH* - - | 12,228 | 26,108 | 14 | 6 | 3 | 2 | - | - | - | - | - | - | 3 | - | - | - | - |
| Epsom, *part of** *WwHH* - | 10,423 | 12,508 | 9 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| Godstone, *part of** *W* - | 2,754 | 1,598 | 2 | 2 | 1 | - | - | - | - | - | - | - | 2 | - | - | - | - |
| Croydon *WwHHH* - - | 20,851 | 128,699 | 64 | 47 | 21 | 15 | - | - | - | - | 1 | - | 13 | - | 1 | 4 | - |
| Mitcham *w* - - - | 11,697 | 23,088 | 17 | 6 | 4 | 1 | - | - | - | - | - | - | 5 | - | - | - | - |
| Wimbledon *HHH* - - | 3,220 | 25,761 | 18 | 20 | 13 | 1 | - | - | - | - | - | - | 8 | 2 | 2 | - | - |
| Kingston *W* - - - | 8,071 | 33,566 | 28 | 10 | 7 | - | - | - | - | - | - | - | 3 | - | - | - | - |
| Surbiton *H* - - - | | 11,199 | 7 | 3 | 2 | - | - | - | - | - | - | - | 2 | - | - | - | - |
| Esher, *part of** *HH* - - | 6,601 | 12,059 | 6 | 3 | - | 3 | - | - | - | - | - | - | - | - | - | - | - |
| Hampton *HL* - - - | 4,565 | 18,252 | 11 | 7 | 2 | 2 | - | - | - | - | - | - | - | 2 | 2 | 2 | - |
| Richmond *WH* - - - | 2,160 | 25,389 | 12 | 19 | 8 | 4 | - | - | - | - | - | - | - | - | - | 4 | - |
| Mortlake *H* - - - | 2,823 | 16,159 | 6 | 6 | 4 | 2 | - | - | - | - | - | - | 1 | - | - | - | - |
| Bromley *HHH* - - - | 9,127 | 23,815 | 11 | 9 | 4 | 3 | - | - | - | 1 | - | - | 4 | - | - | 1 | - |
| Beckenham *H* - - - | 6,542 | 21,969 | 7 | 7 | 2 | - | - | - | - | - | - | - | 1 | - | 1 | 1 | - |
| Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 7 | 10 | 2 | 5 | - | - | - | - | - | - | 2 | - | 1 | - | 1 |
| Bexley *HHH* - - - | 12,540 | 30,590 | 22 | 16 | 7 | 4 | - | - | - | 1 | - | - | 7 | 1 | 1 | 1 | 1 |
| Dartford *WH, part of** - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Sunbury *w* - - - | 11,054 | 13,671 | 9 | 9 | 7 | 2 | - | - | - | - | - | - | 5 | - | - | - | - |
| Staines *WH* - - - | 13,277 | 13,221 | 14 | 11 | 6 | 2 | - | - | - | - | - | - | 2 | - | - | 1 | 1 |
| Hillingdon *WHH* - - | 6,035 | 12,237 | 7 | 3 | 1 | - | - | - | - | - | - | - | - | - | 1 | - | - |
| Uxbridge - - - - | 12,757 | 7,253 | 5 | 3 | 1 | 1 | - | - | - | - | - | - | 1 | - | - | - | - |
| Hayes *wH* - - - - | 7,952 | 11,051 | 8 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Isleworth *WHH* - - | 6,967 | 26,004 | 11 | 15 | 8 | 3 | - | - | - | - | - | - | 4 | - | - | 4 | - |
| Twickenham *HH* - - | 2,415 | 16,027 | 13 | 11 | 7 | 2 | - | | - | - | - | - | 3 | - | - | - | - |
| Brentford *HHHH* - - | 4,318 | 37,777 | 25 | 13 | 6 | 1 | - | - | - | - | - | - | 5 | - | - | - | - |
| Chiswick - - - - | 1,245 | 21,963 | 13 | 4 | 2 | - | - | - | - | - | - | - | 2 | - | - | - | - |
| Acton *wHH* - - - | 6,132 | 30,945 | 22 | 18 | 11 | - | - | - | - | - | - | - | 9 | - | 2 | 1 | - |
| Harrow *HHH* - - - | 13,809 | 15,715 | 13 | 5 | 2 | 1 | - | - | - | - | - | - | 1 | - | - | - | - |
| Edgware *HH* - - - | 6,994 | 3,844 | - | 2 | 2 | - | - | - | - | - | - | - | 2 | - | - | - | - |
| Willesden *HHH* - - | 4,383 | 61,265 | 62 | 44 | 30 | 6 | - | - | - | - | - | - | 12 | - | 1 | 1 | - |
| Hendon *WH* - - - | 8,382 | 15,843 | 13 | 16 | 11 | 3 | - | - | - | - | - | - | 10 | - | - | - | - |
| South Mimms *HH* - - | 21,077 | 6,367 | 2 | 2 | 1 | - | - | - | - | - | - | - | 2 | - | - | - | - |
| Barnet *WHH* - - - | | 14,152 | 10 | 3 | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| Finchley *HHH* - - - | 4,688 | 25,820 | 7 | 6 | 5 | 1 | - | - | - | - | - | - | 1 | - | - | - | - |
| Hornsey *HH* - - - | 3,039 | 61,097 | 38 | 18 | 11 | 3 | - | - | - | - | 1 | - | 8 | - | 1 | - | - |
| Tottenham *HH* - - - | 4,642 | 97,174 | 67 | 38 | 17 | 7 | - | - | - | - | - | - | 8 | 2 | 2 | - | - |
| Edmonton *Www* - - | 7,489 | 36,351 | 26 | 21 | 8 | 7 | - | - | - | - | - | - | 9 | 1 | 1 | 7 | - |
| Enfield *WWHH* - - | 12,602 | 31,536 | 22 | 17 | 11 | 1 | - | - | - | - | 1 | - | 5 | - | - | 1 | - |
| Waltham Abbey - - - | 11,017 | 6,066 | 4 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| Cheshunt *H* - - - | 8,480 | 9,620 | 7 | 7 | 4 | 2 | - | - | - | - | - | - | 3 | - | - | - | - |
| Hatfield, *part of** *W* - - | 3,306 | 582 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Bushey *H* - - - - | 9,331 | 7,737 | 5 | 3 | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| Watford *WH, part of** - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Stratford *H* - - - | 4,706 | 38,612 | 30 | 12 | 9 | - | - | - | - | 1 | - | - | 2 | - | - | - | - |
| Plaistow *WHHH* - - | | 58,030 | 49 | 33 | 14 | 4 | - | - | 1 | 6 | 2 | - | 5 | 1 | 1 | 4 | - |
| Canning Town *H* - - | | 54,750 | 44 | 20 | 8 | 1 | - | - | - | - | - | - | 4 | 2 | 3 | 3 | - |
| Forest Gate *w* - - - | | 53,511 | 29 | 14 | 6 | 2 | - | - | - | - | 1 | - | 5 | - | 1 | - | 2 |
| East Ham *wH* - - - | 3,266 | 32,713 | 53 | 27 | 22 | 2 | - | - | - | - | - | - | 11 | - | 1 | - | - |
| Leyton *WWWwH* - - | 4,334 | 70,188 | 37 | 39 | 17 | 9 | - | - | - | - | - | 2 | 13 | 1 | 1 | 11 | - |
| Walthamstow *HHL* - - | 6,501 | 57,330 | 51 | 39 | 17 | 9 | - | - | - | 1 | 1 | - | 10 | - | 2 | - | - |
| Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 7 | 1 | 1 | - | - | - | - | - | - | - | 1 | - | - | - | - |
| Epping *WH, part of** - - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Romford, *part of** *WH* - | 6,556 | 4,324 | 4 | 2 | 2 | - | - | - | - | - | - | - | 1 | - | - | - | - |
| Ilford - - - - - | 8,493 | 10,913 | 8 | 7 | 3 | 2 | - | 1 | - | - | - | - | 1 | - | 1 | - | - |
| Barking Town, *H* - - | 3,814 | 14,301 | 9 | 9 | 5 | - | - | - | - | - | - | - | 4 | - | - | - | - |
| Middlesex Co. Lunatic Asy., Wandsworth. | — | — | - | 2 | 1 | 1 | - | - | - | - | - | - | - | - | - | 2 | - |
| Brook Fev.Hosp., Kidbrooke | — | — | - | 1 | - | - | - | - | - | 1 | - | - | - | - | - | 1 | - |
| London Co. Lunatic Asy., Hanwell. | — | — | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |

'he parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring as follows:—30: 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37: 1, the parishes of Warlingham Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in leld sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping . 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for ctious Diseases belonging to the Outer Ring in 42: 2, Dartford: 137: 2, Watford; and 187: 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 17th September, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | ANNUAL RATE of MORTALITY per 1000 living. From All Causes. | From Diseases in Cols. 8-14. | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. |
| **GREATER LONDON** | **443,421** | **6,408,321** | **20·2** | **5·6** | **2485** | **1127** | **438** | **–** | **9** | **4** | **40** | **32** | **9** | **597** | **108** |
| INNER LONDON - | 74,672 | 4,504,766 | 21·2 | 5·4 | 1832 | 786 | 323 | | 8 | 3 | 29 | 25 | 7 | 397 | 96 |
| OUTER RING - | 368,749 | 1,903,555 | 17·9 | 6·1 | 653 | 341 | 115 | – | 1 | 1 | 11 | 7 | 2 | 200 | 12 |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalen the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

| CITIES. | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. (Exclusive of Stillborn) | DEATHS. (Exclusive of Stillborn) | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM PRINCIPAL ZYMO DISEASES. Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 295,628 | September 17 | 157 | 93 | 16·4 | – | 6 | 1 | 1 | 6 | 1 |
| GLASGOW - - | 724,349 | „ 17 | 443 | 276 | 19·9 | – | 1 | – | 3 | 7 | 6 |
| DUBLIN - - | 349,594 | „ 17 | 247 | 182 | 27·1 | – | 1 | – | 1 | 4 | 3 |
| CALCUTTA - - | 466,460 | July 30 | – | 212 | 23·7 | – | 1 | – | – | – | 76† |
| BOMBAY - - | 821,764 | August 30 | 224 | 778 | 49·2 | 2 | 1 | ? | ? | ? | 223† |
| MADRAS - - | 452,518 | „ 19 | 425 | 592 | 67·9 | 5 | 16 | ? | ? | ? | 199 |
| PARIS - - - | 2,511,629 | September 10 | 1048 | 964 | 20·0 | – | 2 | 2 | 1* | 8 | 9 |
| BRUSSELS - - | 531,024 | „ 10 | 239 | 193 | 18·2 | – | 2 | – | 1* | 1 | 2 |
| AMSTERDAM - | 508,266 | „ 3 | 283 | 185 | 19·0 | – | 6 | – | – | 5 | – |
| ROTTERDAM - | 301,816 | „ 3 | 210 | 115 | 19·6 | – | – | – | – | 3 | 1 |
| THE HAGUE - | 196,325 | „ 3 | 119 | 73 | 19·4 | – | 1 | – | – | 1 | – |
| COPENHAGEN - | 340,500 | „ 10 | 233 | 125 | 19·1 | – | – | – | 1 | 9 | 2 |
| STOCKHOLM - | 274,611 | „ 3 | 152 | 94 | 17·2 | – | – | – | 1* | 1 | – |
| CHRISTIANIA - | 192,141 | „ 10 | 144 | 51 | 13·0 | – | 1 | – | – | 2 | – |
| ST. PETERSBURG | 954,400 | „ 3 | 495 | 484 | 26·4 | – | 5 | 6 | 21 | 7 | 25 |
| MOSCOW - - | 988,610 | „ 3 | – | 565 | 29·8 | – | 1 | 9 | 11 | 1 | 15 |
| BERLIN - - | 1,753,775 | August 27 | 835 | 788 | 23·1 | 1 | 5 | 3 | 10* | 15 | 2 |
| HAMBURG - - | 661,015 | September 10 | – | 316 | 24·9 | – | 2 | – | 5* | 4 | 1 |
| DRESDEN - - | 377,500 | August 13 | 268 | 154 | 20·9 | – | – | 2 | 2* | 4 | – |
| BRESLAU - - | 392,795 | September 10 | – | 213 | 28·3 | – | – | 3 | 1 | 6 | 1 |
| MUNICH - - | 430,000 | „ 10 | – | 263 | 31·8 | – | 1 | 3 | 1* | 3 | – |
| VIENNA - - | 1,574,129 | „ 10 | 1033 | 538 | 17·6 | – | 3 | 6 | 4* | 2 | 4 |
| PRAGUE - - | 377,109 | „ 10 | 189 | 145 | 19·7 | – | 1 | 8 | 1 | – | 5 |
| BUDA-PESTH - | 648,104 | „ 3 | 413 | 272 | 21·8 | – | 1 | 3 | – | 1 | 1 |
| TRIESTE - - | 164,491 | „ 3 | 94 | 77 | 24·2 | – | – | 1 | 2* | – | 2 |
| ROME - - - | 489,965 | August 20 | 215 | 110 | 11·7 | – | – | – | – | 1 | 9§ |
| TURIN (10 days) | 344,203 | „ 20 | 181 | 168 | 17·8 | – | 1 | – | – | 1 | 3 |
| VENICE - - | 167,074 | „ 27 | 74 | 89 | 27·8 | – | – | – | 1* | 1 | 1 |
| CAIRO - - | 570,062 | June 24 | – | – | – | – | – | – | – | – | – |
| ALEXANDRIA - | 319,766 | „ 24 | – | – | – | – | – | – | – | – | – |
| NEW YORK (including BROOKLYN) | 3,438,899 | August 27 | 1274 | 1492 | 22·6 | – | 2 | 6 | 14 | 34 | 41 |
| PHILADELPHIA - | 1,240,266 | „ 20 | – | – | – | – | – | – | – | – | – |

* Including deaths from croup.
† Including 4 deaths from plague in Calcutta and 157 in Bombay.
‡ Including 2 deaths from cholera in Calcutta, 1 in Bombay, and 91 in Madras.
§ Including 6 deaths from malarial fever.

| 1898. Month and Day. | Phases of the Moon. | Mean daily reading (corrected and reduced to 32° Fahrenheit). | Of the Air. High-est. | Of the Air. Low-est | Of the Air. Daily Range. | Of the Air. Mean daily value. | Of the Air. Departure from Average of 50 years. | Of the Dew point. Mean daily value. | Air Temperature and Dew Point Temperature. Mean daily value. | Air Temperature and Dew Point Temperature. Great-est. | Air Temperature and Dew Point Temperature. Least. | Degree of Humidity (Saturation equals 100). | Of Radiation. Highest in Sun's Rays. | Of Radiation. Lowest on the Grass. | Of the Earth 3 feet below the Surface. | Osler's. General Direction. A.M. | Osler's. General Direction. P.M. | Osler's. Pressure on the Square Foot. Great-est. | Osler's. Pressure on the Square Foot. Least. | Osler's. Pressure on the Square Foot. Mean of 24 hourly obs. | Robinson's. Horizontal Movement of the Air on each Day. | Robinson's. Departure from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| September | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| Sunday - 11 | .. | 29·811 | 79·0 | 53·4 | 25·6 | 64·9 | + 6·8 | 53·3 | 11·6 | 26·9 | 1·4 | 66 | 140·0 | 48·0 | 64·97 | SW. | SW. | 2·8 | 0·0 | 0·1 | 253 | − 26 | 0·00 | 0·0 |
| Monday - 12 | .. | 29·877 | 71·3 | 54·4 | 16·9 | 61·3 | + 3·3 | 47·8 | 13·5 | 22·9 | 2·5 | 61 | 123·0 | 48·5 | 64·86 | SW. & NNW. | N. | 1·7 | 0·0 | 0·1 | 211 | − 70 | 0·02 | 0·0 |
| Tuesday - 13 | .. | 29·948 | 70·6 | 48·6 | 22·0 | 59·7 | + 1·8 | 50·5 | 9·2 | 19·4 | 2·8 | 72 | 117·9 | 42·5 | 64·68 | SW. & WSW. | SW. | 3·0 | 0·0 | 0·1 | 206 | − 76 | 0·00 | 0·0 |
| Wednesday 14 | .. | 30·066 | 80·1 | 59·2 | 20·9 | 67·7 | + 9·9 | 57·7 | 10·0 | 22·3 | 1·0 | 70 | 133·1 | 53·0 | 64·49 | WSW. | W. & WSW. | 1·5 | 0·0 | 0·1 | 238 | − 44 | 0·00 | 0·0 |
| Thursday - 15 | In Equator | 30·177 | 82·0 | 55·0 | 27·0 | 66·7 | + 9·0 | 56·1 | 10·6 | 23·5 | 0·0 | 69 | 140·3 | 48·1 | 64·39 | WSW, calm & SW. | SSE. & SE. | 0·6 | 0·0 | 0·0 | 134 | −147 | 0·00 | 0·0 |
| Friday - 16 | New | 29·997 | 83·9 | 55·9 | 28·0 | 69·6 | +12·1 | 54·6 | 15·0 | 30·8 | 0·8 | 59 | 142·6 | 48·9 | 64·50 | ESE. & SE. | ESE. | 3·2 | 0·0 | 0·1 | 182 | − 97 | 0·00 | 0·0 |
| Saturday - 17 | .. | 29·780 | 89·9 | 59·0 | 30·9 | 74·8 | +17·5 | 55·7 | 19·1 | 31·7 | 4·6 | 51 | 137·8 | 51·0 | 64·64 | SE. & S. | S. & SW. | 3·3 | 0·0 | 0·2 | 222 | − 54 | 0·00 | 0·0 |
| Means - - | | 29·951 | 79·5 | 55·1 | 24·5 | 66·4 | + 8·6 | 53·7 | 12·7 | 25·4 | 1·9 | 64 | 133·5 | 48·6 | 64·65 | SW. & SE. | | .. | .. | .. | Sum 1446 | Sum −514 | Sum 0·02 | 0·0 |
| No. of Column - | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| Date. September | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | General Remarks. |
|---|---|---|---|---|
| Sunday - 11 | m. P. in morning; w. P. to m. P. afterwards. | 8·6 | 12·9 | A very fine day. Partially cloudy in morning until 10h. A.M.; cloudless till evening; cloudy at night. |
| Monday - 12 | m. P. in morning; s. P. afterwards. | 6·1 | 12·8 | Fine generally; partially cloudy. Gentle rain between 7h. A.M. and 8h. A.M. |
| Tuesday - 13 | v. P. throughout - | 3·9 | 12·8 | Cloudy generally. Bright and sunny at times. A few drops of rain fell between 1h. P.M. and 2h. P.M. |
| Wednesday 14 | w. P. in morning; v. P. afterwards. | 7·8 | 12·7 | Overcast in morning till 9h. A.M.; cloudless and very fine afterwards. A warm day. |
| Thursday - 15 | w. P. generally - | 9·1 | 12·6 | Fine and generally cloudless throughout the day. Very warm. |
| Friday - 16 | w. P. till afternoon; m. P. afterwards. | 10·3 | 12·6 | Fog prevailed in early morning; cloudless and very fine throughout the day. A very warm day. |
| Saturday - 17 | w. P. in morning; v. P. afterwards. | 11·0 | 12·5 | Cloudless with very slight exceptions throughout. A very fine and hot day. |
| | | Sum 56·8 | Sum 88·9 | |
| No. of Col. - - | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased from 29·91 in. at the beginning of the week to 29·75 in. by 6h. P.M. on the 11th; increased to 30·21 in. by 9h. A.M. on the 15th; and decreased to 29·75 in. by the end of the week.

LONDON:
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1898.

OFFICIAL COPY.

# WEEKLY RETURN
OF
# BIRTHS AND DEATHS IN LONDON
AND IN
# THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

*Printed under the Superintendence of Her Majesty's Stationery Office,*
AND SOLD BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 38. 1898. VOL. LIX.] WEEK ENDING SATURDAY, SEPT. 24. [Price 1½*d.*

*General Register Office, Somerset House,*
*September 26th*, 1898.

## THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 23·6 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS. | Weeks ending | | | | TOWNS. | Weeks ending | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Sept. 3. | Sept. 10. | Sept. 17. | Sept. 24. | | Sept. 3. | Sept. 10. | Sept. 17. | Sept. 24. |
| **33 Great Towns** | **24·4** | **24·6** | **24·0** | **23·6** | Leicester - - | 26·2 | 23·5 | 23·0 | 18·5 |
| Birkenhead - | 22·1 | 23·0 | 20·3 | 23·5 | Liverpool - - | 30·9 | 29·7 | 29·6 | 29·0 |
| Birmingham - | 29·5 | 23·1 | 20·9 | 22·6 | London - - - | 22·0 | 23·2 | 21·2 | 21·6 |
| Blackburn - | 25·0 | 31·3 | 30·5 | 23·9 | Manchester - - | 30·0 | 30·4 | 31·0 | 32·4 |
| Bolton - - | 31·1 | 24·7 | 37·0 | 29·4 | Newcastle-on-Tyne | 29·5 | 33·9 | 30·9 | 28·5 |
| Bradford - | 21·6 | 21·9 | 24·3 | 21·9 | Norwich - - | 28·0 | 27·5 | 28·9 | 26·1 |
| Brighton - | 22·2 | 27·7 | 26·9 | 24·3 | Nottingham - - | 21·6 | 23·0 | 25·2 | 23·8 |
| Bristol - | 24·5 | 20·2 | 19·4 | 22·2 | Oldham - - | 17·2 | 17·2 | 20·4 | 21·8 |
| Burnley - | 18·1 | 21·9 | 30·5 | 25·2 | Plymouth - - | 18·9 | 27·4 | 22·1 | 19·5 |
| Cardiff - - | 19·1 | 16·4 | 22·0 | 21·1 | Portsmouth - - | 17·3 | 17·3 | 16·5 | 15·9 |
| Croydon - | 21·8 | 26·8 | 16·3 | 21·8 | Preston - - | 30·9 | 30·5 | 24·2 | 23·3 |
| Derby - - | 23·4 | 23·4 | 20·9 | 18·9 | Salford - - - | 36·7 | 35·5 | 34·8 | 35·8 |
| Gateshead - | 31·2 | 30·1 | 37·2 | 38·7 | Sheffield - - | 27·7 | 24·6 | 29·3 | 26·0 |
| Halifax - | 15·1 | 18·9 | 18·9 | 18·9 | Sunderland - - | 37·0 | 35·5 | 40·6 | 37·0 |
| Huddersfield- | 15·3 | 19·8 | 27·0 | 20·4 | Swansea - - | 18·4 | 17·4 | 15·8 | 16·4 |
| Hull - - | 27·9 | 30·2 | 30·6 | 31·5 | West Ham - - | 21·6 | 19·5 | 15·1 | 16·2 |
| Leeds - - | 22·0 | 23·5 | 24·0 | 20·4 | Wolverhampton - | 36·7 | 30·2 | 33·2 | 26·1 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·1 in Plymouth; from *whooping-cough*, 1·1 in Sunderland; from "*fever*", 1·8 in Sunderland; and from *diarrhœa*, 5·1 in Birkenhead, 5·3 in Oldham, 5·4 in Croydon and in Halifax, 5·5 in Leicester, 6·1 in Bristol and in Birmingham, 6·4 in Brighton and in Sheffield, 6·6 in Huddersfield, 6·7 in Bradford, 7·1 in Nottingham, 7·2 in Preston, 8·6 in Burnley and in Blackburn, 8·9 in Newcastle-on-Tyne, 10·1 in Wolverhampton, 10·7 in Manchester, 10·9 in Hull, 11·2 in Norwich, 11·8 in Salford, 12·0 in Sunderland, 12·3 in Bolton, and 15·1 in Gateshead. In none of the thirty-three towns did the death-rate from *scarlet fever* reach 1·0 per 1000. The 51 deaths from *diphtheria* included 29 in London, 5 in Swansea, and 4 in Liverpool. No death from *small-pox* was registered in any of the thirty-three towns.

## LONDON.

In LONDON† 2574 BIRTHS and 1863 DEATHS were registered. Allowing for increase of population, the births were 18 below, and the deaths 474 above, the average numbers in the corresponding weeks of the last ten

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas, to which they belong.

years. The annual death-rate per 1000 from all causes, which had been 22·0, 23·2, and 21·2 in the preceding three weeks, rose again last week to 21·6. During the four weeks ending on Saturday last the death-rate averaged 22·0 per 1000, being 5·6 per 1000 above the mean rate in the corresponding periods of the ten years 1888–97.

The 1863 deaths included 12 from measles, 9 from scarlet fever, 29 from diphtheria, 31 from whooping-cough, 9 from enteric fever, 347 from diarrhœa and dysentery, 7 from cholera and choleraic diarrhœa, and not one death from small-pox, from typhus, or from any ill-defined form of continued fever; thus, 444 deaths were referred to these diseases, being 231 above the corrected average weekly number.

The deaths from *measles*, which had been 11, 16, and 8 in the preceding three weeks, rose again last week to 12, but were 4 below the corrected average. The deaths from *scarlet fever*, which had been 5, 8, and 3 in the preceding three weeks, rose again last week to 9, but were 11 below the corrected average; 2 cases belonged to St. Pancras, and 2 to Islington sanitary areas. The deaths from *diphtheria*, which had been 19, 30, and 29 in the preceding three weeks, were again 29 last week, the corrected average being 47; 4 cases belonged to Poplar, 4 to Lambeth, 3 to Newington, and 3 to Battersea sanitary areas. The deaths from *whooping-cough*, which had been 29, 40, and 25 in the preceding three weeks, rose again last week to 31, the corrected average being 30. The fatal cases of *enteric fever*, which had been 15, 19, and 7 in the preceding three weeks, rose again last week to 9, but were 8 below the corrected average; 2 cases belonged to Shoreditch sanitary area. The deaths from *diarrhœa*, which had been 431, 433, and 397 in the preceding three weeks, further fell last week to 347, but were 267 above the corrected average. Of the 347 deaths from diarrhœa, 320 were of children under 5 years of age; 137 more deaths at this age-period were described as due to *gastro-enteritis*, and are included under the heading enteritis in Table 4. The deaths referred to diseases of the respiratory organs, which had been 127, 130, and 135 in the preceding three weeks, further rose last week to 157, but were 19 below the corrected average. The deaths attributed directly to *influenza* numbered 4, having been 2, 2, and 4 in the preceding three weeks.

Different forms of violence caused 58 deaths, concerning all but 3 of which inquests were held. Of these 58 deaths, 10 were cases of suicide, while the remaining 48 were attributed to accident or negligence. Four of these were referred to vehicles in the streets, 6 to drowning, 2 to the effects of chloroform administered for surgical purposes, 7 to sunstroke, and 4 (of infants under one year of age) to suffocation in bed.

## Cases of Infectious Sickness in Hospitals.*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 1 case of small-pox, 2353 cases of scarlet fever, 964 of diphtheria, and 128 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 288 cases, against 238, 273, and 242; of diphtheria, 155 cases, against 117, 144, and 158; and of enteric fever, 26 cases, against 23, 25, and 24.

## Greater London.

In Greater London 3635 births and 2518 deaths were registered, corresponding to annual rates of 29·6 and 20·5 per 1000 of the estimated population. In the Outer Ring 6 deaths from measles, 12 from diphtheria, 8 from whooping-cough, 13 from "fever," and 185 from diarrhœal diseases (including cholera) were registered. Six deaths from diphtheria, 6 from "fever," and 43 from diarrhœal diseases occurred in West Ham district.

## Meteorology.

The mean reading of the Barometer last week at Greenwich was 29·94 inches, and that of the Thermometer 57·2; the latter being 1·4 above the week's average in the 50 years 1841–90. The direction of the wind was variable, the horizontal movement of the air being 16 per cent. below the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 33·8 hours; the measured rainfall amounted to 0·12 of an inch.

* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Births (the Week ending 24th September 1898) | Deaths (the Week ending 24th September 1898) | Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Deaths from Measles. | Deaths from Scarlet Fever. | Deaths from Diphtheria. | Deaths from Whooping-cough. | Deaths from Fever. | Deaths from Diarrhœa. | Deaths from Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Corresponding Week's Deaths: From All Causes. | Corresponding Week's Deaths: From Diseases in Cols. 6-12. | Highest Fahrenheit. | Lowest Fahrenheit. | Mean Fahrenheit. | Mean Centigrade. | Rainfall In Inches. | Rainfall In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| **33 Towns** - | **11,218,378** | **6520** | **5072** | **2309** | **770** | - | **27** | **28** | **51** | **65** | **45** | **1238** | **159** | **298** | **868** | **50** | **23·6** | **6·8** | **86·2** | **35·0** | **55·6** | **13·11** | **0·09** | **0·23** | **33 Towns.** |
| London - - | 4,504,766 | 2574 | 1863 | 764 | 338 | - | 12 | 9 | 29 | 31 | 9 | 347 | 58 | 133 | 495 | 12 | 21·6 | 5·1 | 74·6 | 40·0 | 57·2 | 14·00 | 0·12 | 0·30 | London. |
| West Ham - - | 286,654 | 169 | 89 | 46 | 9 | - | 2 | - | 2 | 1 | 2 | 11 | - | 4 | 7 | 3 | 16·2 | 3·3 | - | - | - | - | - | - | West Ham. |
| Croydon - - | 124,421 | 61 | 52 | 25 | 10 | - | 1 | - | - | - | - | 13 | 2 | 4 | 7 | - | 21·8 | 5·9 | 73·5 | 35·0 | 55·7 | 13·17 | 0·08 | 0·20 | Croydon. |
| Brighton - - | 122,310 | 64 | 57 | 24 | 13 | - | - | - | 1 | 1 | 1 | 15 | 1 | 2 | 14 | - | 24·3 | 7·7 | 72·8 | 43·4 | 59·2 | 15·11 | 0·17 | 0·43 | Brighton. |
| Portsmouth - | 186,618 | 90 | 57 | 23 | 7 | - | - | 1 | 1 | - | - | 14 | 3 | 6 | 9 | 1 | 15·9 | 4·5 | - | - | - | - | - | - | Portsmouth. |
| Plymouth - - | 99,136 | 59 | 37 | 19 | 5 | - | 2 | - | - | 1 | - | 8 | 1 | 4 | 5 | - | 19·5 | 5·8 | - | - | - | - | - | - | Plymouth. |
| Bristol - - | 316,900 | 189 | 135 | 62 | 31 | - | - | - | 2 | 3 | 2 | 37 | 2 | 7 | 26 | 1 | 22·2 | 7·2 | 70·0 | 37·0 | 55·3 | 12·94 | 0·32 | 0·81 | Bristol. |
| Cardiff - - | 177,770 | 104 | 72 | 39 | 11 | - | - | - | 2 | 1 | 2 | 10 | 1 | 3 | 11 | - | 21·1 | 4·4 | - | - | - | - | - | - | Cardiff. |
| Swansea - - | 102,001 | 52 | 32 | 16 | 3 | - | - | - | 5 | - | - | 9 | - | - | 3 | - | 16·4 | 7·2 | - | - | - | - | - | - | Swansea. |
| Wolverhampton | 88,051 | 45 | 44 | 24 | 5 | - | - | - | - | - | - | 17 | - | 2 | | - | 26·1 | 10·1 | 79·6 | 36·5 | 54·4 | 12·44 | 0·00 | 0·00 | Wolverhampton. |
| Birmingham - | 510,343 | 321 | 221 | 108 | 24 | - | 1 | 2 | 1 | 4 | 2 | 60 | 8 | 10 | 23 | 5 | 22·6 | 7·2 | - | - | - | - | - | - | Birmingham. |
| Norwich - - | 111,699 | 72 | 56 | 34 | 8 | - | 1 | - | - | - | 1 | 24 | - | - | 1 | - | 26·1 | 12·1 | 76·0 | 41·0 | 57·5 | 14·17 | 0·10 | 0·25 | Norwich. |
| Leicester - - | 208,662 | 114 | 74 | 41 | 9 | - | - | - | - | - | 1 | 22 | 4 | 8 | 9 | - | 18·5 | 5·7 | - | - | - | - | - | - | Leicester. |
| Nottingham - | 236,137 | 138 | 108 | 55 | 18 | - | - | 1 | - | - | 1 | 32 | 3 | 5 | 12 | 2 | 23·8 | 7·5 | 86·2 | 39·6 | 53·7 | 13·72 | 0·03 | 0·20 | Nottingham. |
| Derby - - - | 104,834 | 67 | 38 | 19 | 5 | - | - | - | - | - | - | 7 | - | 1 | 5 | - | 18·9 | 3·5 | - | - | - | - | - | - | Derby. |
| Birkenhead - | 113,189 | 77 | 51 | 27 | 6 | - | - | - | 1 | - | 1 | 11 | 1 | 4 | 7 | 1 | 23·5 | 6·0 | - | - | - | - | - | - | Birkenhead. |
| Liverpool - - | 633,645 | 434 | 352 | 125 | 44 | - | 4 | 2 | 4 | 2 | 3 | 57 | 14 | 20 | 69 | 8 | 29·0 | 5·9 | 67·0 | 41·6 | 52·7 | 11·50 | 0·11 | 0·28 | Liverpool. |
| Bolton - - | 122,495 | 75 | 69 | 39 | 6 | - | - | 1 | - | 1 | - | 29 | 2 | 4 | 6 | 1 | 29·4 | 13·2 | - | - | - | - | - | - | Bolton. |
| Manchester - | 539,079 | 319 | 335 | 166 | 38 | - | 2 | 2 | - | - | 2 | 111 | 18 | 27 | 44 | 3 | 32·4 | 11·3 | - | - | - | - | - | - | Manchester. |
| Salford - - | 215,702 | 128 | 148 | 76 | 10 | - | - | 3 | - | 2 | 1 | 49 | 2 | 4 | 15 | 1 | 35·8 | 13·3 | - | - | - | - | - | - | Salford. |
| Oldham - - | 148,288 | 77 | 62 | 18 | 10 | - | - | - | - | - | 1 | 15 | 4 | 6 | 14 | - | 21·8 | 5·6 | - | - | - | - | - | - | Oldham. |
| Burnley - - | 109,546 | 47 | 53 | 31 | 3 | - | 1 | 1 | - | - | 1 | 18 | 1 | 2 | 2 | 1 | 25·2 | 10·0 | - | - | - | - | - | - | Burnley. |
| Blackburn - - | 133,228 | 72 | 61 | 33 | 13 | - | - | - | 1 | - | - | 22 | 3 | 5 | 2 | 2 | 23·9 | 9·0 | - | - | - | - | - | - | Blackburn. |
| Preston - - | 116,356 | 73 | 52 | 34 | 8 | - | - | - | - | - | - | 16 | 1 | 1 | 1 | 2 | 23·3 | 7·2 | - | - | - | - | - | - | Preston. |
| Huddersfield - | 102,454 | 60 | 40 | 17 | 8 | - | - | - | - | 1 | - | 13 | - | 1 | 2 | 2 | 20·4 | 7·1 | 68·3 | 37·0 | 52·5 | 11·39 | 0·03 | 0·08 | Huddersfield. |
| Halifax - - | 96,729 | 30 | 35 | 14 | 4 | - | - | - | - | 1 | - | 10 | - | 1 | 3 | - | 18·9 | 5·9 | - | - | - | - | - | - | Halifax. |
| Bradford - - | 233,737 | 106 | 98 | 46 | 19 | - | - | 1 | - | 1 | 2 | 30 | 1 | 2 | 12 | - | 21·9 | 7·6 | 79·2 | 47·2 | 57·4 | 14·11 | 0·04 | 0·10 | Bradford. |
| Leeds - - - | 416,618 | 229 | 163 | 81 | 22 | - | 1 | 2 | 2 | 1 | 2 | 38 | 7 | 8 | 7 | - | 20·4 | 5·8 | - | - | - | - | - | - | Leeds. |
| Sheffield - - | 356,478 | 249 | 178 | 72 | 26 | - | - | 1 | - | 4 | 2 | 44 | 2 | 4 | 17 | 3 | 26·0 | 7·5 | - | - | - | - | - | - | Sheffield. |
| Hull - - - | 229,887 | 127 | 139 | 72 | 24 | - | - | - | - | 3 | 3 | 48 | 4 | 7 | 17 | 1 | 31·5 | 12·2 | 72·0 | 39·0 | 52·7 | 11·50 | 0·00 | 0·00 | Hull. |
| Sunderland - | 143,849 | 102 | 102 | 58 | 7 | - | - | - | - | 3 | 5 | 33 | 1 | 5 | 8 | 1 | 37·0 | 14·9 | - | - | - | - | - | - | Sunderland. |
| Gateshead - - | 103,775 | 69 | 77 | 46 | 8 | - | - | 1 | - | 1 | - | 30 | - | 2 | 2 | - | 38·7 | 16·1 | - | - | - | - | - | - | Gateshead. |
| Newcastle - - | 223,021 | 127 | 122 | 55 | 18 | - | - | 1 | - | 3 | 1 | 38 | 6 | 6 | 12 | - | 28·5 | 10·1 | - | - | - | - | - | - | Newcastle. |

See note * on first page of this return.

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the THIRTY-EIGHTH Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2463 | 2344 | 2355 | 2559 | 2433 | 2554 | 2358 | 2541 | 2537 | 2492 | 2592·4 | 2574 |
| Males - - | 1261 | 1213 | 1161 | 1334 | 1245 | 1299 | 1224 | 1278 | 1308 | 1267 | 1324·8 | 1323 |
| Females - | 1202 | 1131 | 1194 | 1225 | 1188 | 1255 | 1134 | 1263 | 1229 | 1225 | 1267·6 | 1251 |
| TOTAL **Deaths** - | 1298 | 1267 | 1375 | 1322 | 1238 | 1561 | 1211 | 1346 | 1238 | 1341 | 1385·7 | 1863 |
| Males - - | 677 | 649 | 704 | 663 | 634 | 802 | 647 | 703 | 621 | 701 | 715·6 | 1001 |
| Females - - | 621 | 618 | 671 | 659 | 604 | 759 | 564 | 643 | 617 | 640 | 673·1 | 862 |

*The numbers in this column are the average weekly numbers in the thirty-eighth week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | July 2. | July 9. | July 16. | July 23. | July 30. | Aug 6. | Aug. 13. | Aug. 20. | Aug. 27. | Sept. 3. | Sept. 10. | Sept. 17. | Sept. 24. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** - - - | 2475 | 2502 | 2502 | 2505 | 2696 | 2335 | 2807 | 2489 | 2551 | 2650 | 2446 | 2499 | 2574 |
| TOTAL **Deaths** - - - | 1256 | 1232 | 1214 | 1330 | 1452 | 1586 | 1772 | 2019 | 1856 | 1898 | 2007 | 1832 | 1863 |
| Ages at Death: Under 1 year - - | 305 | 301 | 305 | 385 | 493 | 592 | 800 | 915 | 886 | 887 | 929 | 786 | 764 |
| 1—5 years - - | 173 | 142 | 157 | 152 | 175 | 198 | 212 | 233 | 222 | 203 | 244 | 211 | 202 |
| 5—20 " - - | 86 | 63 | 78 | 79 | 71 | 85 | 72 | 61 | 64 | 83 | 76 | 64 | 86 |
| 20—40 " - - | 181 | 171 | 179 | 152 | 181 | 158 | 151 | 172 | 157 | 189 | 200 | 178 | 204 |
| 40—60 " - - | 248 | 281 | 220 | 249 | 248 | 262 | 235 | 283 | 236 | 259 | 241 | 270 | 269 |
| 60—80 " - - | 227 | 223 | 220 | 254 | 226 | 238 | 255 | 295 | 243 | 226 | 256 | 269 | 266 |
| 80 year and upwards | 36 | 51 | 55 | 59 | 58 | 53 | 47 | 60 | 48 | 51 | 61 | 54 | 72 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox - - - - - | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Measles - - - - - | 48 | 28 | 23 | 22 | 23 | 14 | 31 | 18 | 20 | 11 | 16 | 8 | 12 |
| Scarlet Fever - - - | 12 | 8 | 8 | 8 | 7 | 8 | 10 | 17 | 7 | 5 | 8 | 3 | 9 |
| Diphtheria - - - - | 29 | 27 | 39 | 29 | 21 | 30 | 27 | 26 | 21 | 19 | 30 | 29 | 29 |
| Whooping-cough - - - | 42 | 41 | 40 | 38 | 30 | 29 | 34 | 32 | 32 | 29 | 40 | 25 | 31 |
| Typhus - - - - - - | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Enteric Fever - - - | 10 | 7 | 4 | 8 | 7 | 10 | 2 | 13 | 9 | 15 | 19 | 7 | 9 |
| Simple Continued Fever - | – | – | – | – | – | – | 1 | 1 | – | 1 | – | – | – |
| Diarrhœa and Dysentery .. | 22 | 25 | 52 | 69 | 138 | 227 | 328 | 433 | 463 | 431 | 433 | 397 | 347 |
| Cholera - - - - - - | – | – | 3 | 2 | 8 | 13 | 15 | 14 | 14 | 13 | 13 | 14 | 7 |
| All the above Diseases - | 163 | 136 | 169 | 176 | 234 | 331 | 448 | 554 | 566 | 524 | 559 | 483 | 444 |
| Dis. of Respiratory System - | 162 | 160 | 175 | 148 | 173 | 174 | 171 | 196 | 135 | 127 | 130 | 135 | 157 |
| Phthisis - - - - - | 149 | 150 | 126 | 148 | 133 | 124 | 139 | 115 | 107 | 144 | 140 | 133 | 127 |
| Dis. of Circulatory System - | 111 | 107 | 91 | 119 | 116 | 122 | 127 | 112 | 106 | 116 | 111 | 123 | 121 |
| Violence - - - - - | 56 | 56 | 55 | 64 | 80 | 73 | 61 | 67 | 73 | 60 | 71 | 96 | 58 |
| Inquest Cases - - - - | 126 | 112 | 119 | 127 | 164 | 139 | 131 | 139 | 150 | 124 | 135 | 166 | 133 |
| Deaths in Public Institutions - | 397 | 404 | 367 | 434 | 446 | 413 | 428 | 500 | 407 | 469 | 470 | 470 | 495 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean - - - - - - | 59°·3 | 60°·0 | 61°·9 | 62°·8 | 61°·0 | 63°·8 | 61°·9 | 69°·5 | 65°·4 | 61°·1 | 70°·4 | 66°·4 | 57°·2 |
| Mean of Highest readings - | 69·3 | 70·1 | 73·4 | 74·2 | 70·4 | 75·9 | 72·2 | 82·1 | 76·8 | 73·2 | 83·6 | 79·5 | 68·7 |
| Mean of Lowest readings - | 51·6 | 52·0 | 50·9 | 54·2 | 54·1 | 52·7 | 53·6 | 59·3 | 55·8 | 50·5 | 60·0 | 55·1 | 47·1 |
| Humidity of the Air - - | 75 | 71 | 68 | 74 | 76 | 69 | 76 | 69 | 73 | 67 | 68 | 64 | 75 |
| Rain-fall (in inches) - - | 0·84 | 0·00 | 0·02 | 0·45 | 0·72 | 0·06 | 0·56 | 0·03 | 0·14 | 0·08 | 0·00 | 0·02 | 0·12 |
| Registered Sunshine (in hours) | 45·6 | 40·4 | 52·0 | 36·1 | 25·6 | 58·4 | 35·6 | 61·0 | 45·1 | 60·7 | 59·7 | 56·8 | 33·8 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox - - - - - | – | – | – | – | – | 1 | 1 | 2 | 2 | 2 | 3 | 2 | 1 |
| Scarlet Fever - - - - | 2205 | 2250 | 2314 | 2355 | 2321 | 2326 | 2293 | 2241 | 2178 | 2240 | 2300 | 2319 | 2353 |
| Diphtheria - - - - | 976 | 1013 | 1033 | 1034 | 1022 | 1024 | 953 | 937 | 903 | 869 | 893 | 916 | 964 |
| Enteric Fever - - - - | 53 | 62 | 68 | 85 | 87 | 97 | 106 | 106 | 115 | 118 | 119 | 127 | 128 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton: A. W. Preston, Esq., F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and F. Boobbyer Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S Preston; A. Johnson, Esq., M.Inst.C.E., Bradford; and Mr. E. Park, Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-EIGHTH Week of the Year 1898.

| CAUSES OF DEATH | Corrected Averages for the 38th Week of the 10 years 1888-97*. | In the Week ending Saturday, 24th September 1898. Deaths of Persons of the Ages: All Ages. | Under 20. 0-1 | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| AUSES - - - | 1388·7 | 1863 | 764 | 202 | 86 | 204 | 269 | 266 | 72 |
| ll- Vaccinated† - | 0·2 | - | - | - | - | - | - | - | - |
| Unvaccinated | 0·1 | - | - | - | - | - | - | - | - |
| No Statement | 0·1 | - | - | - | - | - | - | - | - |
| es - - - - | 16·1 | 12 | 3 | 9 | - | - | - | - | - |
| t Fever - - - | 19·8 | 9 | - | 4 | 5 | - | - | - | - |
| us - - - - | 0·2 | - | - | - | - | - | - | - | - |
| sing Fever - - | - | - | - | - | - | - | - | - | - |
| nza - - - - | 2·3 | 4 | - | - | 1 | 1 | - | 2 | - |
| ping-cough - - | 30·0 | 31 | 13 | 18 | - | - | - | - | - |
| heria - - | 46·9 | 29 | 3 | 18 | 8 | - | - | - | - |
| e Continued and defined Fever - | 0·5 | - | - | - | - | - | - | - | - |
| ic Fever - - - | 17·2 | 9 | - | - | 4 | 5 | - | - | - |
| ra and Chol. Diarr. | 2·1 | 7 | 5 | - | - | - | 1 | 1 | - |
| hœa, Dysentery - | 80·0 | 347 | 259 | 61 | 3 | 2 | 5 | 12 | 5 |
| ttent Fever - - | 0·2 | - | - | - | - | - | - | - | - |
| phobia - - - | - | - | - | - | - | - | - | - | - |
| ers - - - - | - | - | - | - | - | - | - | - | - |
| ox and Effects of cination - - | 0·3 | - | - | - | - | - | - | - | - |
| real Affections - - | 10·6 | 7 | 4 | 1 | - | - | 2 | - | - |
| pelas - - - | 4·5 | 4 | 1 | - | - | - | 2 | - | 1 |
| ia and Septicæmia | 2·2 | 1 | 1 | - | - | - | - | - | - |
| eral Fever - - | 4·2 | 4 | - | - | - | 3 | 1 | - | - |
| Zymotic Diseases | 0·8 | 2 | 2 | - | - | - | - | - | - |
| h - - - - | 1·7 | - | - | - | - | - | - | - | - |
| s and other Parasitical Diseases - | 0·2 | - | - | - | - | - | - | - | - |
| ation, Want of ast-milk - - | 1·6 | 2 | 2 | - | - | - | - | - | - |
| olism - - - | 7·6 | 11 | - | - | - | 5 | 5 | 1 | - |
| matic Fever, umatism of Heart | 9·0 | 8 | - | - | 2 | 5 | 1 | - | - |
| matism - - - | 2·8 | 2 | - | - | - | 1 | - | 1 | - |
| - - - - - | 2·1 | 5 | - | - | - | - | 1 | 4 | - |
| ts - - - - | 4·3 | 5 | 3 | 2 | - | - | - | - | - |
| r - - - - | 65·7 | 86 | - | - | - | 4 | 45 | 35 | 2 |
| Mesenterica - - | 27·3 | 46 | 34 | 7 | 2 | 3 | - | - | - |
| rcular Meningitis - | 22·9 | 27 | 15 | 6 | 6 | - | - | - | - |
| sis - - - - | 149·5 | 127 | 1 | 1 | 7 | 73 | 38 | 7 | - |
| nla, Tuberculosis - | 17·0 | 20 | 7 | 2 | 6 | 3 | 1 | 1 | - |
| Constitutional eases - - | 10·2 | 16 | 1 | - | 1 | 4 | 6 | 3 | 1 |
| ature Birth - - | 45·3 | 75 | 75 | - | - | - | - | - | - |
| ctasis - - - | 4·0 | 5 | 5 | - | - | - | - | - | - |
| enital Malformations - - - | 7·7 | 8 | 6 | 2 | - | - | - | - | - |
| ge - - - - | 42·8 | 58 | - | - | - | - | 1 | 31 | 26 |
| dexy - - - | 36·6 | 39 | - | - | - | 4 | 16 | 16 | 3 |
| psy - - - - | 6·9 | 7 | - | - | 1 | 2 | 1 | 3 | - |
| tlsions - - - | 37·2 | 30 | 29 | 1 | - | - | - | - | - |
| Diseases of Brain Nervous System | 71·6 | 91 | 21 | 10 | 4 | 7 | 23 | 19 | 7 |
| ses of Organs of cial Sense - | 3·4 | - | - | - | - | - | - | - | - |

| CAUSES OF DEATH | Corrected Averages for the 38th Week of the 10 years 1888-97*. | In the Week ending Saturday, 24th September 1898. Deaths of Persons of the Ages: All Ages. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 116·4 | 121 | - | - | 6 | 22 | 37 | 47 | 9 |
| Croup - - - - | 4·4 | 1 | 1 | - | - | - | - | - | - |
| Bronchitis - - - | 88·7 | 66 | 13 | 5 | 1 | 4 | 9 | 27 | 7 |
| Pneumonia - - - | 62·6 | 73 | 24 | 15 | 6 | 9 | 13 | 5 | 1 |
| Pleurisy - - - - | 4·2 | 2 | - | - | - | 1 | 1 | - | - |
| Other Diseases of Respiratory System - | 16·0 | 15 | 1 | 2 | - | 3 | 3 | 4 | 2 |
| Dentition - - - - | 7·4 | 2 | 1 | 1 | - | - | - | - | - |
| Quinsy, Sore Throat - | 1·9 | 2 | 1 | 1 | - | - | - | - | - |
| Enteritis - - - - | 27·4 | 169 | 136 | 24 | 2 | - | 2 | 2 | 3 |
| Peritonitis - - - | 6·3 | 8 | - | - | 2 | 2 | 3 | 1 | - |
| Diseases of Liver - - | 26·9 | 28 | 1 | - | 1 | 6 | 7 | 13 | - |
| Other Diseases of Digestive System | 30·6 | 48 | 12 | 3 | 4 | 8 | 10 | 9 | 2 |
| Diseases of Lymphatic System & of Ductless Glands - - - | 1·1 | 1 | - | - | - | 1 | - | - | - |
| Diseases of Urinary System - - - | 38·2 | 41 | 1 | 1 | 2 | 7 | 16 | 14 | - |
| Diseases of Generative System - - - | 5·8 | 4 | - | - | - | 2 | 1 | 1 | - |
| Accidents of Childbirth - | 4·3 | 4 | - | - | - | 2 | 2 | - | - |
| Diseases of Locomotive System - - - | 4·7 | 6 | - | 1 | 3 | 2 | - | - | - |
| Diseases of Integumentary System - - | 6·6 | 6 | 3 | - | - | - | 1 | 1 | 1 |
| VIOLENT DEATHS‡ (ACCIDENT.) | | | | | | | | | |
| By Railways - - - | 50·2 | 1 | - | - | - | 1 | - | - | - |
| By Vehicles or Horses - | | 4 | - | - | 2 | - | 2 | - | - |
| In Ships, Boats, Docks, (exclusive of Drowning) - - - | | 1 | - | - | 1 | - | - | - | - |
| In Building Operations - | | 1 | - | - | - | 1 | - | - | - |
| In Conflagrations - | | - | - | - | - | - | - | - | - |
| By Burns, Scalds, Explosions - - | | 6 | 1 | 2 | - | 2 | 1 | - | - |
| By Drowning - - - | | 6 | - | - | 2 | 4 | - | - | - |
| By Suffocation in Bed - | | 4 | 4 | - | - | - | - | - | - |
| By Poisons or Poisonous Vapours - - | | 5 | 1 | - | 1 | 1 | 1 | 1 | - |
| Other or not stated causes - - - | | 20 | 5 | 4 | 1 | - | 5 | 4 | 1 |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - | 1·2 | - | - | - | - | - | - | - | - |
| Suicide - - - - | 6·4 | 10 | - | - | 2 | 3 | 5 | - | - |
| Execution - - - | - | - | - | - | - | - | - | - | - |
| OTHER CAUSES - - - | 61·7 | 74 | 69 | 1 | - | 1 | 1 | 1 | 1 |

he numbers in this column are the average weekly deaths for the ten years 1888-97, raised by 5·230 per cent. for increase pulation.

nly those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered cal men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the e of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

he evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of ent, murder manslaughter or suicide. All such cases are classed under "accident."

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 24th September, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2574 | 1863 | 764 | 338 | – | 12 | 9 | 29 | 31 | – | 9 | – | 347 | 58 | 133 | 495 |
| WEST DISTRICTS - - - | 778,251 | 384 | 309 | 118 | 67 | – | 1 | 2 | 3 | 2 | – | 2 | – | 54 | 4 | 19 | 92 |
| NORTH DISTRICTS - - - | 1,040,694 | 605 | 356 | 144 | 66 | – | 3 | 4 | 8 | 7 | – | 3 | – | 68 | 8 | 26 | 71 |
| CENTRAL DISTRICTS - - - | 233,635 | 96 | 109 | 48 | 17 | – | – | – | – | 2 | – | – | – | 18 | 3 | 10 | 45 |
| EAST DISTRICTS - - - | 716,334 | 488 | 369 | 154 | 58 | – | 8 | – | 4 | 1 | – | 2 | – | 76 | 12 | 36 | 126 |
| SOUTH DISTRICTS - - - | 1,642,796 | 1001 | 685 | 300 | 114 | – | – | 2 | 14 | 19 | – | 2 | – | 130 | 31 | 42 | 126 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | — | – | 35 | – | 16 | – | – | 1 | – | – | – | – | – | 1 | – | – | 35 |
| **WEST DISTRICTS.** | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 47 | 35 | 19 | 4 | – | 1 | – | 1 | – | – | – | – | 10 | – | – | 7 |
| St. John Paddington *H* - - G. | 33,510 | 4 | 14 | 1 | 1 | – | – | – | – | – | – | 1 | – | 1 | 1 | 1 | 9 |
| Kensington Town *Ww* - - W. | 122,164 | 55 | 48 | 17 | 21 | – | – | – | – | – | – | – | – | 8 | 1 | 3 | 16 |
| Brompton *HH*- - - W. & C. | 48,301 | 10 | 12 | 2 | 3 | – | – | – | – | – | – | – | – | – | 1 | 3 | 3 |
| St. Peter Hammersmith - - W. | 9,097 | 8 | 3 | – | 1 | – | – | – | – | – | – | – | – | 1 | – | 1 | – |
| St. Paul Hammersmith *HH* W. & G. | 35,102 | 53 | 45 | 20 | 9 | – | – | – | – | – | – | – | – | 11 | – | 1 | 2 |
| Fulham *Ww* - - - W. & C. | 113,781 | 82 | 56 | 25 | 7 | – | – | 2 | 2 | 1 | – | – | – | 10 | – | 3 | 14 |
| Chelsea Kensal Town - C. | 21,450 | 8 | 6 | 5 | – | – | – | – | – | – | – | – | – | 1 | – | – | – |
| Chelsea North *WHHHHH* - C. | 42,057 | 29 | 23 | 7 | 5 | – | – | – | – | – | – | – | – | 4 | – | – | 13 |
| Chelsea South *HH* - - C. | 33,139 | 11 | 10 | 4 | 2 | – | – | – | – | – | – | – | – | 1 | 1 | 4 | 2 |
| May Fair *W* - - - - G. | 23,827 | 6 | 9 | 1 | 7 | – | – | – | – | – | – | – | – | 1 | – | 1 | 7 |
| Belgrave *WHHH* - - - C. | 56,140 | 29 | 26 | 7 | 5 | – | – | – | – | – | – | – | – | 2 | – | 1 | 13 |
| St. John Westminster *HH* - C. | 31,492 | 15 | 9 | 5 | – | – | – | – | – | 1 | – | – | – | 3 | – | – | 1 |
| St. Margaret Westminster *H*- C. | 22,097 | 5 | 7 | 2 | 1 | – | – | – | – | – | – | 1 | – | – | – | 1 | 5 |
| St. James Westminster *WHH* N. & G. | 23,050 | 16 | 5 | 2 | 1 | – | – | – | – | – | – | – | – | 1 | – | – | – |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 6 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| **NORTH DISTRICTS.** | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - - W. | 36,595 | 11 | 5 | 2 | 1 | – | – | – | 1 | – | – | – | – | 1 | 1 | 1 | – |
| Rectory Marylebone *W* G. & W. | 19,798 | 6 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | 1 |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 35 | 6 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | 2 |
| Christchurch Marylebone *H* - W | 32,547 | 12 | 9 | 5 | 1 | – | – | – | – | – | – | – | – | 1 | 1 | 2 | – |
| St. John Marylebone *HHH* W. | 32,611 | 18 | 5 | 1 | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 | – |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 27 | 23 | 7 | 3 | – | – | 2 | 4 | – | – | 1 | – | 2 | – | 2 | 13 |
| Regent's Park Pancras *HH* - W. | 37,341 | 19 | 9 | 2 | 3 | – | 1 | – | – | – | – | – | – | 2 | – | 2 | – |
| Tottenham-court *wHHHH* - N. & W. | 26,757 | 18 | 10 | 2 | 1 | – | – | – | – | – | – | – | – | 1 | – | – | 8 |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 17 | 8 | 4 | – | – | – | – | – | – | – | – | – | 1 | 1 | 1 | 2 |
| Somers Town *HH* - - - N. | 32,161 | 18 | 11 | 8 | 1 | – | – | – | – | 1 | – | – | – | 6 | – | – | 2 |
| Camden Town *WH* - - N. | 16,669 | 10 | 13 | 4 | 7 | – | – | – | – | – | – | – | – | – | – | – | 10 |
| Kentish Town *WW* - - N. | 98,410 | 57 | 45 | 15 | 13 | – | – | – | – | 1 | – | – | – | 7 | 2 | 4 | 7 |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 58 | 45 | 12 | 9 | – | – | – | – | 3 | – | – | – | 9 | 2 | 3 | 15 |
| Islington South-west H - N. | 107,365 | 81 | 40 | 23 | 5 | – | – | – | 1 | – | – | – | – | 13 | – | – | – |
| Islington South-east - - N. | 66,549 | 48 | 19 | 10 | 2 | – | – | – | – | – | – | – | – | 2 | – | 1 | – |
| Highbury *HH* - - - N. | 64,577 | 28 | 16 | 11 | – | – | 1 | – | 1 | – | – | – | – | 5 | – | 1 | – |
| Stoke Newington *H* - - N. | 33,485 | 16 | 9 | 2 | – | – | – | – | – | – | – | 1 | – | 2 | – | 1 | – |
| North Hackney - - E. & N. | 213,044 | 27 | 14 | 5 | 3 | – | – | – | – | – | – | – | – | 4 | – | – | – |
| Central Hackney *ww* - E. & N. | | 20 | 18 | 10 | – | | | 2 | 1 | 1 | – | 1 | – | 2 | – | 1 | 4 |
| South-west Hackney *HHH* E. & N. | | 39 | 18 | 5 | 5 | – | – | – | – | 1 | – | – | – | 2 | – | 2 | 3 |
| South-east Hackney *WwH* E. & N. | | 40 | 32 | 12 | 11 | – | 1 | – | – | – | – | – | – | 8 | – | 4 | 4 |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers are received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. The Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River E East London; and K. the Kent Company.

* See note † on first page of this Return.

LE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday, 24th September, 1898—*continued.*

| EGISTRATION SUB-DISTRICTS | Enumerated Population. 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CENTRAL DISTRICTS. | | | | | | | | | | | | | | | | | | |
| eorge Bloomsbury - - N. | 16,110 | 2 | 3 | – | 1 | – | – | – | – | – | – | – | – | 1 | – | – | – | – |
| iles South *WH* - - N. | 12,976 | 5 | 6 | 2 | 3 | – | – | – | – | – | – | – | – | 1 | – | – | 3 | – |
| iles North *H* - - - N. | 9,151 | 3 | 4 | 2 | – | – | – | – | – | 1 | – | – | – | 2 | – | – | 1 | – |
| artin-in-the-Fields *HH* N. & C. | 13,077 | 3 | 4 | 2 | 1 | – | – | – | – | – | – | – | – | 1 | – | – | 1 | – |
| nd *WHH* - - - - N. | 11,839 | 6 | 8 | 2 | 2 | – | – | – | – | – | – | – | – | 2 | – | 1 | 6 | – |
| *d Union Workhouse, Edmonton* | †*1,037* | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| orn *wHHHHHH* - N. | 31,042 | 11 | 21 | 12 | 3 | – | – | – | – | 1 | – | – | – | 2 | – | 1 | 12 | – |
| mes Clerkenwell - - N. | 15,777 | 8 | 7 | 5 | – | – | – | – | – | – | – | – | – | 2 | – | – | – | – |
| ell Clerkenwell - - N. | 34,356 | 12 | 12 | 9 | – | – | – | – | – | – | – | – | – | 3 | – | 2 | – | – |
| ell-street - - - - N. | 16,069 | 13 | 3 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| road *HHHL* - - - N. | 29,597 | 20 | 11 | 7 | – | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| ecross-street - - - N. | 7,595 | 5 | 3 | 1 | – | – | – | – | – | – | – | – | – | 1 | – | – | – | – |
| bury - - - - - N. | 4,035 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| orn Union Workhouse, cham - - - - | †*892* | – | 2 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 2 | – |
| otolph *H* - - N. & E. | 6,870 | 2 | 3 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| legate - - - - N. | 3,299 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| epulchre *WH* - - - N. | 9,591 | 5 | 20 | 3 | 3 | – | – | – | – | – | – | – | – | 3 | 2 | 4 | 18 | – |
| llows Barking - - - N. | 9,059 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| l Street *H* - - - N. | 2,892 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| *f London Asylum, Stone* - - | †*338* | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| EAST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| ditch South *Hl* - E. & N. | 17,975 | 6 | 8 | 1 | – | – | – | – | – | – | – | – | – | 3 | – | 1 | 1 | – |
| on New Town *w* - - N. | 29,575 | 13 | 15 | 6 | 1 | – | 1 | – | – | – | – | – | – | 3 | – | – | 4 | – |
| on Old Town - - - N. | 27,645 | 20 | 10 | 5 | 2 | – | – | – | – | – | – | – | – | 1 | – | 1 | – | – |
| erston *WH* - - N. & E. | 47,163 | 30 | 24 | 10 | 4 | – | – | – | – | – | – | 1 | – | 3 | – | 2 | 9 | – |
| nal Green North *H* - E. | 49,301 | 36 | 18 | 14 | 1 | – | 1 | – | – | – | – | – | – | 2 | 1 | 1 | 1 | – |
| nal Green South - - E. | 34,194 | 21 | 9 | 6 | – | – | – | – | – | – | – | – | – | 1 | – | 1 | – | – |
| nal Green East *WHl* - E. | 45,667 | 26 | 36 | 8 | 11 | – | 1 | – | – | – | – | – | – | 7 | – | 2 | 23 | – |
| lfields - - - E. & N. | 26,681 | 21 | 16 | 12 | – | – | 1 | – | – | – | – | – | – | 5 | – | 1 | – | – |
| End New Town *W* - E. | 12,816 | 15 | 14 | 3 | 3 | – | – | – | – | – | – | – | – | – | – | 2 | 8 | – |
| echapel Church *H* - E. & N. | 25,561 | 20 | 41 | 8 | 1 | – | 1 | – | 1 | – | – | 1 | – | 3 | 4 | 6 | 32 | – |
| man's Fields - - - E. | 13,618 | 11 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| eorge's North - - - E. | 39,576 | 33 | 12 | 7 | 2 | – | – | – | – | – | – | – | – | 2 | – | 1 | – | – |
| hn, St. George East *W* E. | 7,930 | 10 | 5 | 2 | 1 | – | – | – | – | – | – | – | – | 1 | – | – | 3 | – |
| well *H* - - - E. & N. | 10,434 | 4 | 17 | 10 | – | – | – | – | – | – | – | – | – | 12 | 1 | 1 | 14 | – |
| iff *W* - - - - E. | 14,954 | 9 | 2 | – | – | – | – | – | – | – | – | – | – | 1 | – | 1 | – | – |
| house - - - - - E. | 32,917 | 13 | 14 | 7 | 2 | – | 1 | – | – | – | – | – | – | 5 | – | 2 | – | – |
| End Old Town West *H* E. | 111,060 | 65 | 18 | 8 | 4 | – | – | – | – | – | – | – | – | 5 | 2 | 4 | 1 | – |
| End Old Town East *Vww* - E. | | 41 | 29 | 7 | 12 | – | 2 | – | 1 | – | – | – | – | 7 | – | 1 | 12 | – |
| *l* - - - - E. | 41,687 | 19 | 14 | 9 | 1 | – | – | – | 1 | – | – | – | – | 2 | – | – | – | – |
| ley *wwwH* - - - E. | 69,821 | 40 | 44 | 14 | 12 | – | – | – | 1 | – | – | – | – | 7 | 2 | 6 | 17 | – |
| r *WW* - - - - E. | 57,759 | 35 | 22 | 16 | 1 | – | – | – | – | 1 | – | – | – | 6 | 2 | 3 | 1 | – |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX MEASL SCARLET FEVER. DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in e SUB-DISTRICT during the Week ending Saturday, 24th September, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Continued Simple Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WHL*.&S. | 13,064 | 8 | 6 | 2 | 1 | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| St. Saviour Southwark - - S. | 12,301 | 4 | 3 | 2 | – | – | – | – | – | – | – | – | – | 1 | – | 1 | – |
| Kent-road - - - - S. & L. | 22,879 | 14 | 12 | 7 | 1 | – | – | – | – | – | – | – | – | 4 | 1 | 1 | – |
| Borough-road *WH* - S. & L. | 16,083 | 8 | 5 | 4 | – | – | – | – | – | – | – | – | – | – | – | – | 2 |
| London-road *HL* - - L. & S. | 21,316 | 12 | 12 | 8 | 1 | – | – | – | – | – | – | – | – | 5 | 1 | 2 | – |
| Trinity Newington - - S. & L. | 28,723 | 18 | 5 | 4 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| St. Peter Walworth *W* - S. & L. | 62,045 | 43 | 25 | 7 | 4 | – | – | – | – | 2 | – | – | – | 5 | – | – | 3 |
| St. Mary Newington- - L. & S. | 30,171 | 20 | 11 | 3 | 2 | – | – | – | – | 1 | – | – | – | – | – | 1 | – |
| St. Olave *WH* - - - S. | 11,731 | 8 | 16 | 1 | 1 | – | – | – | – | – | – | – | – | 1 | 7 | 7 | 14 |
| Bermondsey* *W* - - - S. | 85,475 | 66 | 31 | 15 | 6 | – | – | – | 1 | – | – | – | – | 7 | – | 1 | 2 |
| Rotherhithe *WwH* - S. & K. | 40,379 | 25 | 21 | 8 | 4 | – | – | – | – | – | – | – | – | – | 1 | 1 | 11 |
| Waterloo-road *HH* - L. & S. | 28,396 | 23 | 18 | 7 | 3 | – | – | – | – | – | – | – | – | 3 | 1 | 1 | 4 |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 4 | 19 | 8 | 3 | – | – | – | 1 | – | – | – | – | 4 | 3 | 6 | 5 |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 33 | 23 | 9 | 5 | – | – | – | – | – | – | – | – | 4 | 3 | 3 | 10 |
| Kennington 1st *H* - - S. & L. | 52,486 | 48 | 18 | 8 | 6 | – | – | – | – | – | – | – | – | 3 | 1 | 1 | 1 |
| Kennington 2nd - - S. & L. | 43,244 | 18 | 14 | 8 | 3 | – | – | – | 1 | – | – | – | – | 5 | – | – | – |
| Brixton *w* - - - L. & S. | 81,825 | 50 | 24 | 9 | 4 | – | – | – | 1 | 2 | – | 1 | – | 1 | 1 | 1 | 2 |
| Norwood *WH*- - - - L. | 29,318 | 10 | 6 | 3 | – | – | – | – | – | – | – | – | – | – | 1 | 1 | 1 |
| East Battersea - - - - S. | 71,730 | 37 | 17 | 10 | 1 | – | – | – | 1 | 1 | – | – | – | 4 | – | 1 | – |
| West Battersea *WwH* - - S. | 93,385 | 58 | 36 | 12 | 6 | – | – | – | – | 1 | – | – | – | 4 | – | – | 9 |
| Clapham *H* - - - - S. | 46,953 | 28 | 9 | 2 | 3 | – | – | – | – | – | – | – | – | 1 | – | – | 2 |
| Wandsworth *WHHL* - - S. | 58,101 | 38 | 20 | 11 | 2 | – | – | – | – | – | – | – | – | 4 | – | 1 | – |
| Putney - - - - - S. | 20,566 | 15 | 8 | 5 | 1 | – | – | – | – | 1 | – | – | – | 4 | – | – | – |
| Streatham *WwwwL* - - L. | 61,644 | 37 | 19 | 9 | 4 | – | – | – | 3 | – | – | – | – | 5 | – | – | 3 |
| Dulwich - - - - L. & S. | 7,519 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Camberwell *Wwll* - S. & L. | 90,286 | 47 | 55 | 18 | 11 | – | – | – | – | 4 | – | – | – | 7 | 1 | 3 | 19 |
| Peckham *WW* - S., L., & K | 88,242 | 63 | 35 | 17 | 7 | – | – | 1 | – | – | – | – | – | 11 | 1 | 1 | – |
| St. George Camberwell - L. & S. | 67,029 | 42 | 24 | 16 | 3 | – | – | – | – | – | – | – | – | 4 | – | 1 | – |
| Deptford North - - - K. | 36,152 | 26 | 18 | 11 | 1 | – | – | – | – | – | – | – | – | 3 | – | – | – |
| Deptford Central *w* - - K. | 45,441 | 31 | 29 | 17 | 2 | – | – | – | 5 | 3 | – | – | – | 8 | – | – | 5 |
| Deptford South - - - K. | 33,402 | 16 | 8 | 5 | – | – | – | – | – | – | – | – | – | 5 | – | – | – |
| Greenwich West *H* - - K. | 23,012 | 6 | 6 | 4 | 1 | – | – | – | – | – | – | – | – | 1 | – | – | – |
| Greenwich East *WH* - - K. | 37,767 | 25 | 40 | 14 | 11 | – | – | – | – | – | – | – | – | 3 | 1 | 1 | 22 |
| Eltham *wH* - - - - K. | 5,911 | 2 | 2 | 1 | – | – | – | – | – | – | – | – | – | 1 | – | – | – |
| Lee *H* - - - - - K. | 24,222 | 15 | 5 | 3 | 1 | – | – | – | – | – | – | – | – | 1 | – | – | – |
| Lewisham *WwH* - - - K. | 38,139 | 23 | 18 | 6 | 4 | – | – | 1 | – | – | – | – | – | 4 | 1 | 1 | 6 |
| Sydenham *H* - - - - L. | 37,601 | 10 | 8 | 3 | 3 | – | – | – | – | 1 | – | – | – | – | 1 | – | – |
| Charlton *wHH* - - K. | 15,928 | 6 | 8 | 1 | 2 | – | – | – | 1 | 1 | – | 1 | – | – | 1 | 1 | 3 |
| Woolwich Dockyard - - K. | 19,355 | 7 | 12 | 7 | 2 | – | – | – | – | 1 | – | – | – | 5 | – | 1 | – |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 17 | 13 | 4 | – | – | – | – | – | – | – | – | – | 2 | 4 | 3 | 1 |
| Plumstead West *H* - - K. | 16,714 | 9 | 10 | 3 | 4 | – | – | – | – | – | – | – | – | 4 | – | – | – |
| Plumstead East *WH* - - K. | 42,538 | 29 | 16 | 8 | – | – | – | – | – | 1 | – | – | – | 5 | – | 1 | 1 |
| Banstead Asylum - - - - | — | – | 4 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 4 |
| Caterham Asylum - - - - | — | – | 2 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 2 |
| Cane Hill Asylum - - - - | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | 1 |
| Hospital Ships and Camp, Dartford | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Darenth Asylum - - - - | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | 1 |
| Hanwell Asylum - - - - | — | – | 13 | – | 6 | – | – | – | – | – | – | – | – | 1 | – | – | 13 |
| Colney Hatch Asylum - | — | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 |
| N.E. Hospital - - - - | — | – | 1 | – | – | – | – | 1 | – | – | – | – | – | – | – | – | 1 |
| Winchmore Hill Hospital - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Leavesden Asylum - - - - | — | – | 6 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 6 |
| Claybury Asylum - - - - | — | – | 6 | – | 4 | – | – | – | – | – | – | – | – | – | – | – | 6 |

* The two Sub-Districts of Leather Market and St. James Bermondsey were united on 1st September, and called Bermondsey.

BLE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 24th September, 1898.

| egis-tion trict nd ub-trict um-ers. | REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years & upwds. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LONDON—OUTER RING - | 368,749 | 1,422,063 | 1061 | 655 | 329 | 113 | - | 6 | 1 | 12 | 8 | 13 | 178 | 18 | 41 | 52 | 11 |
| ): 1 | Carshalton *wHH* - - | 12,228 | 26,108 | 11 | 5 | 4 | 1 | - | - | - | - | - | - | 3 | - | 1 | - | - |
| 2 | Epsom, *part of** *WwHH* - | 10,423 | 12,508 | 9 | 11 | 4 | 1 | - | - | - | - | - | - | 1 | - | 1 | 3 | 1 |
| 7: 1 | Godstone, *part of** *W* - | 2,754 | 1,598 | 3 | 2 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 8: 1 | Croydon *WwHHH* - - | 20,851 | 128,699 | 70 | 64 | 31 | 12 | - | 1 | - | - | - | - | 14 | 3 | 5 | 10 | - |
| 2 | Mitcham *w* - - - | 11,697 | 23,088 | 12 | 11 | 5 | 2 | - | - | - | - | - | - | 4 | - | - | - | - |
| 9: 1 | Wimbledon *HHH* - - | 3,220 | 25,761 | 22 | 7 | 5 | - | - | - | - | - | - | - | 3 | - | - | - | - |
| 2 | Kingston *W* - - - | 8,071 | 33,566 | 19 | 11 | 6 | 4 | - | - | - | - | - | - | 7 | - | - | 1 | - |
| 3 | Surbiton *H*- - - - | | 11,199 | 6 | 8 | 4 | 2 | - | - | - | - | - | - | - | 1 | 1 | - | - |
| 4 | Esher, *part of** *HH* - - | 6,601 | 12,059 | 7 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 5 | Hampton *HL* - - - | 4,565 | 18,252 | 13 | 7 | 4 | - | - | - | - | - | - | - | 1 | - | - | - | - |
| ): 1 | Richmond *WH*- - - | 2,160 | 25,389 | 8 | 13 | 4 | 4 | - | - | - | - | - | 1 | 2 | 1 | 1 | - | - |
| 2 | Mortlake *H* - - - | 2,823 | 16,159 | 6 | 6 | 3 | 2 | - | - | - | - | - | - | 2 | - | - | - | - |
| : 1 | Bromley *HHH* - - - | 9,127 | 23,815 | 12 | 6 | 3 | - | - | - | - | - | - | - | 4 | - | 1 | - | - |
| 2 | Beckenham *H* - - - | 6,542 | 21,969 | 12 | 8 | 4 | 1 | - | - | - | - | - | - | 2 | 1 | 1 | - | - |
| 3 | Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 12 | 14 | 7 | 3 | - | - | - | - | - | - | 6 | - | 1 | 4 | - |
| : 1 | Bexley *HHH* - - - | 12,540 | 30,590 | 31 | 11 | 8 | 1 | - | - | - | 1 | - | - | 7 | - | - | - | - |
| 2 | Dartford *WH*, *part of** - | — | — | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | - |
| : 1 | Sunbury* *w* - - - | 11,054 | 13,671 | 10 | 9 | 3 | - | - | - | - | - | - | - | 6 | - | 1 | 1 | - |
| 2 | Staines *WH* - - - | 13,277 | 13,221 | 9 | 7 | 4 | 2 | - | - | - | - | 1 | - | - | 1 | 1 | - | 1 |
| : 1 | Hillingdon *WHH* - - | 6,035 | 12,237 | 9 | 4 | 2 | 1 | - | - | - | 1 | - | - | 1 | - | - | 2 | - |
| 2 | Uxbridge - - - - | 12,757 | 7,253 | 4 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Hayes *wH*- - - - | 7,952 | 11,051 | 11 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| : 1 | Isleworth *WHH* - - | 6,967 | 26,004 | 22 | 7 | 3 | 1 | - | - | 1 | - | - | 1 | 2 | - | - | 2 | - |
| 2 | Twickenham *HH* - - | 2,415 | 16,027 | 12 | 6 | 3 | 2 | - | - | - | - | - | - | 1 | - | 2 | - | - |
| 3 | Brentford *HHHH* - - | 4,318 | 37,777 | 25 | 20 | 8 | 2 | - | - | - | - | 2 | - | 3 | 1 | 1 | - | - |
| 4 | Chiswick - - - - | 1,245 | 21,963 | 11 | 12 | 6 | 2 | - | - | - | - | - | 1 | 6 | 3 | 3 | - | - |
| 5 | Acton *wHH* - - - | 6,132 | 30,945 | 24 | 13 | 6 | 3 | - | - | - | - | - | - | 3 | - | - | - | 1 |
| : 1 | Harrow *HHH* - - - | 13,809 | 15,715 | 15 | 9 | 3 | 3 | - | 1 | - | - | - | - | 4 | - | - | - | 2 |
| 2 | Edgware *HH* - - - | 6,994 | 3,844 | 3 | 4 | 2 | 1 | - | - | - | - | - | - | 1 | - | - | - | - |
| 3 | Willesden *HHH* - - | 4,383 | 61,265 | 63 | 33 | 20 | 6 | - | - | - | 1 | - | - | 4 | - | 1 | 3 | 1 |
| 4 | Hendon *WH* - - - | 8,382 | 15,843 | 10 | 9 | 6 | 1 | - | - | - | - | - | - | 6 | - | - | 3 | - |
| : 1 | South Mimms *HH* - - | 21,077 | 6,367 | 7 | 2 | 1 | - | - | - | - | - | - | - | 2 | - | - | - | - |
| 2 | Barnet *WHH* - - - | | 14,152 | 9 | 8 | 3 | 1 | - | - | - | - | - | 1 | - | - | 1 | 2 | - |
| 3 | Finchley *HHH*- - - | 4,688 | 25,820 | 9 | 8 | 7 | - | - | - | - | - | - | - | 4 | - | - | - | - |
| : 1 | Hornsey *HH* - - - | 3,039 | 61,097 | 38 | 25 | 10 | 9 | - | 1 | - | 2 | 1 | - | 4 | - | 1 | 1 | - |
| 2 | Tottenham *HH*- - - | 4,642 | 97,174 | 81 | 43 | 20 | 9 | - | 1 | - | - | 1 | 1 | 11 | 2 | 4 | 1 | 1 |
| 3 | Edmonton *Www* - - | 7,489 | 36,351 | 29 | 18 | 10 | 5 | - | - | - | - | - | - | 11 | 1 | 1 | 3 | - |
| 4 | Enfield *WWHH* - - | 12,602 | 31,536 | 16 | 14 | 8 | 3 | - | - | - | - | - | - | 1 | - | - | 1 | 1 |
| 5 | Waltham Abbey - - | 11,017 | 6,066 | 8 | 3 | 1 | 1 | - | - | - | - | - | - | 1 | - | - | - | - |
| 6 | Cheshunt *H* - - - | 8,480 | 9,620 | 8 | 2 | 2 | - | - | - | - | - | - | - | 1 | - | - | - | - |
| : 1 | Hatfield, *part of** *W*- - | 3,306 | 582 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| : 1 | Bushey *H* - - - - | 9,331 | 7,737 | 4 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Watford *WH*, *part of** - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| : 1 | Stratford *H* - - - | 4,706 | 38,612 | 36 | 13 | 6 | 1 | - | - | - | - | - | - | 2 | - | 3 | 1 | 1 |
| 2 | Plaistow *WHHH* - - | | 58,030 | 58 | 24 | 15 | 2 | - | 2 | - | 1 | - | - | 5 | - | - | 1 | - |
| 3 | Canning Town *H* - - | | 54,750 | 52 | 31 | 15 | 4 | - | - | - | 1 | - | 1 | 3 | - | 1 | - | 1 |
| 4 | Forest Gate *w* - - - | | 53,511 | 23 | 16 | 9 | - | - | - | - | - | 1 | 1 | 1 | - | - | - | - |
| 5 | East Ham *wH*- - - | 3,266 | 32,713 | 52 | 26 | 15 | 2 | - | - | - | 1 | 1 | - | 7 | 1 | 3 | - | - |
| 6 | Leyton *WWWwH* - - | 4,334 | 70,188 | 59 | 38 | 14 | 8 | - | - | - | 1 | - | 2 | 12 | - | 1 | 8 | 1 |
| 7 | Walthamstow *HHL*- - | 6,501 | 57,330 | 62 | 29 | 19 | 1 | - | - | - | 2 | 1 | 2 | 9 | 1 | 3 | - | - |
| : 1 | Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 4 | 10 | 4 | 4 | - | - | - | 1 | - | - | 2 | 1 | 1 | 1 | - |
| 2 | Epping *WH*, *part of** - - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| : 1 | Romford, *part of** *WH* - | 6,556 | 4,324 | 7 | 2 | - | - | - | - | - | - | - | - | 1 | 1 | 1 | 1 | - |
| 2 | Ilford - - - - - | 8,493 | 10,913 | 10 | 7 | 4 | 2 | - | - | - | - | - | - | 1 | - | - | - | - |
| 3 | Barking Town, *H* - - | 3,814 | 14,301 | 8 | 9 | 5 | - | - | - | - | - | - | 1 | 7 | - | - | - | - |
| | N. W. Fever Hospital, Hampstead. | — | — | - | 1 | - | - | - | - | - | - | - | 1 | - | - | - | 1 | - |
| | London Co. Lunatic Asy., Cane Hill. | — | — | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | - |

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring e as follows:—30: 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37: 1, the parishes of Warlingham d Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst b-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in tfield sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping op. 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for fectious Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford; and 187: 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 24th September, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | ANNUAL RATE of MORTALITY per 1000 living. From All Causes. | From Diseases in Cols. 8-14. | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Deaths in Public |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. | 16 |
| GREATER LONDON | **443,421** | **6,408,321** | **20·5** | **5·3** | **2518** | **1093** | **451** | **–** | **18** | **10** | **41** | **39** | **22** | **525** | **76** | **54** |
| INNER LONDON - | 74,672 | 4,504,766 | 21·6 | 5·1 | 1863 | 764 | 338 | – | 12 | 9 | 29 | 31 | 9 | 347 | 58 | 49 |
| OUTER RING - | 368,749 | 1,903,555 | 18·0 | 6·0 | 655 | 329 | 113 | – | 6 | 1 | 12 | 8 | 13 | 178 | 18 | 5 |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent to the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

| CITIES | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of Stillborn | DEATHS. Exclusive of Stillborn | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM PRINCIPAL ZYMOTIC DISEASES. Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœal Diseases. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 295,628 | September 24 | 138 | 114 | 20·1 | – | – | 4 | 1 | 2 | 2 | 2 |
| GLASGOW - - | 724,349 | „ 24 | 469 | 298 | 21·5 | – | 2 | 2 | 5 | 10 | 4 | 5 |
| DUBLIN - - | 349,594 | „ 24 | 194 | 181 | 27·0 | – | 1 | 1 | – | 4 | 6 | 2 |
| CALCUTTA - - | 466,460 | August 13 | – | 218 | 24·3 | – | 1 | – | – | 3 | 60† | 3 |
| BOMBAY - - | 821,764 | September 6 | 240 | 813 | 51·4 | 1 | – | ? | ? | ? | 254† | 7 |
| MADRAS - - | 452,518 | August 26 | 399 | 603 | 69·1 | 2 | 18 | ? | ? | ? | 202 | 18 |
| PARIS - - - | 2,511,629 | September 17 | 1083 | 867 | 18·0 | – | 1 | – | 1* | 11 | 6 | 17 |
| BRUSSELS - - | 531,024 | „ 17 | 255 | 157 | 14·8 | – | – | – | – | 1 | 6 | 3 |
| AMSTERDAM - | 508,266 | „ 10 | 264 | 193 | 19·8 | – | 3 | – | – | 6 | 1 | 3 |
| ROTTERDAM - | 301,816 | „ 10 | 207 | 128 | 21·8 | – | – | – | – | – | 2 | – |
| THE HAGUE - | 196,325 | „ 10 | 141 | 101 | 26·8 | – | – | – | 1 | – | – | – |
| COPENHAGEN - | 340,500 | „ 17 | 168 | 120 | 18·4 | – | – | 1 | 2 | 6 | 7 | 1 |
| STOCKHOLM - | 274,611 | „ 10 | 166 | 91 | 16·7 | – | – | – | 1* | – | – | 1 |
| CHRISTIANIA - | 192,141 | „ 17 | – | 43 | 11·0 | – | – | – | 1 | 2 | 1 | |
| ST. PETERSBURG | 954,400 | „ 17 | 578 | 478 | 26·1 | 1 | 8 | 14 | 15 | 11 | 15 | 7 |
| MOSCOW - - | 988,610 | „ 10 | – | 602 | 31·7 | – | 4 | 3 | 15 | 6 | 13 | 17 |
| BERLIN - - | 1,753,775 | „ 3 | 873 | 790 | 23·1 | – | 1 | – | 15 | 11 | 2 | 30 |
| HAMBURG - - | 661,015 | „ 17 | – | 285 | 22·4 | – | 1 | – | 1* | 5 | 1 | 9 |
| DRESDEN - - | 377,500 | August 20 | – | 178 | 24·2 | – | – | 1 | – | 2 | 2 | 4 |
| BRESLAU - - | 392,795 | September 17 | – | 211 | 28·0 | – | – | 2 | 2 | 9 | – | 5 |
| MUNICH - - | 430,000 | „ 17 | – | 261 | 31·6 | – | 1 | 3 | 3* | 3 | 1 | 12 |
| VIENNA - - | 1,574,129 | „ 17 | 809 | 593 | 19·4 | – | 8 | 2 | 8* | 5 | 3 | 13 |
| PRAGUE - - | 377,109 | „ 17 | 149 | 158 | 21·5 | – | 1 | 5 | 1 | – | 3 | 7 |
| BUDA-PESTH - | 648,104 | „ 10 | 431 | 264 | 21·2 | – | 2 | 8 | 3 | – | 1 | 41 |
| TRIESTE - - | 164,491 | „ 10 | 83 | 84 | 26·4 | – | – | – | – | – | 2 | 32 |
| ROME - - - | 489,965 | August 27 | 220 | 155 | 16·5 | – | – | – | – | – | 14§ | 18 |
| TURIN (11 days) | 344,203 | „ 31 | 213 | 187 | 18·0 | – | 1 | – | – | – | 5 | 29 |
| VENICE - - | 167,074 | September 10 | 82 | 76 | 23·7 | – | – | – | 1* | 1 | 1 | 17 |
| CAIRO - - | 570,062 | July 1 | 376 | 652 | 59·5 | 1 | 99 | – | 3* | – | 52 | 161 |
| ALEXANDRIA - | 319,766 | „ 1 | 156 | 212 | 34·5 | 2 | – | – | – | – | 8 | 40 |
| NEW YORK (including BROOKLYN) | 3,438,899 | September 3 | 1565 | 1518 | 23·0 | – | 4 | 5 | 24 | 23 | 24 | 28 |
| PHILADELPHIA - | 1,240,266 | August 27 | – | 429 | 18·0 | – | – | 2 | 12 | 1 | 9 | 58 |

* Including deaths from croup.
† Including 12 deaths from plague in Calcutta and 168 in Bombay.
‡ Including 4 deaths from cholera in Calcutta, 4 in Bombay, and 77 in Madras.
§ Including 5 deaths from malarial fever.

| 1898. Month and Day. | | Phases of the Moon. | Meter. Mean daily reading (corrected and reduced to 32° Fahrenheit). | Temperature. Of the Air. Highest. | Temperature. Of the Air. Lowest | Temperature. Of the Air. Daily Range. | Temperature. Of the Air. Mean daily value. | Temperature. Of the Air. Departure from Average of 50 years. | Temperature. Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Difference. Greatest. | Difference. Least. | Degree of Humidity (Saturation equals 100). | Temperature. Of Radiation. Highest in Sun's Rays. | Temperature. Of Radiation. Lowest on the Grass. | Temperature. Of the Earth 3 feet below the Surface. | Wind as deduced from Anemometers. Osler's. General Direction. A.M. | Wind. Osler's. General Direction. P.M. | Wind. Osler's. Pressure on the Square Foot. Greatest. | Wind. Osler's. Pressure on the Square Foot. Least. | Wind. Osler's. Pressure on the Square Foot. Mean of 24 hourly obs. | Wind. Robinson's. Horizontal Movement of the Air on each Day. | Wind. Robinson's. Departure from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| SEPTEMBER | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUNDAY - | 18 | .. | 29·814 | 69·4 | 49·2 | 20·2 | 57·3 | + 0·4 | 52·5 | 4·8 | 11·3 | 0·0 | 84 | 103·6 | 43·5 | 61·46 | S., SSW. & SW. | SW., W. & WNW. | 3·1 | 0·0 | 0·3 | 309 | + 36 | 0·08 | 0·0 |
| MONDAY - | 19 | .. | 30·019 | 66·0 | 42·1 | 23·9 | 55·2 | − 1·3 | 47·6 | 7·6 | 16·9 | 1·5 | 76 | 108·8 | 36·9 | 64·50 | SW., SSW. & S. | SSW. & SW. | 4·3 | 0·0 | 0·3 | 320 | + 50 | 0·04 | 0·0 |
| TUESDAY - | 20 | .. | 29·937 | 74·6 | 54·7 | 19·9 | 62·2 | + 6·1 | 53·8 | 8·4 | 18·9 | 1·0 | 74 | 123·0 | 47·6 | 64·01 | SW. | WSW & SW. | 1·9 | 0·0 | 0·1 | 259 | − 9 | 0·00 | 0·0 |
| WEDNESDAY | 21 | .. | 29·868 | 73·8 | 50·2 | 23·6 | 60·5 | + 4·8 | 51·5 | 9·0 | 20·2 | 3·1 | 72 | 122·1 | 42·9 | 63·54 | SW. & W. | WSW., W. & calm. | 0·6 | 0·0 | 0·0 | 120 | −145 | 0·00 | 0·0 |
| THURSDAY- | 22 | Greatest Dec. S. | 29·951 | 69·9 | 48·6 | 21·3 | 58·3 | + 2·9 | 52·4 | 5·9 | 14·4 | 1·5 | 81 | 113·4 | 43·9 | 63·23 | Calm, NNE. & NE. | NNE. & NE. | 2·6 | 0·0 | 0·1 | 157 | −106 | 0·00 | 0·0 |
| FRIDAY - | 23 | First Quarter. | 30·050 | 66·7 | 44·8 | 21·9 | 55·4 | + 0·2 | 44·3 | 11·1 | 19·3 | 5·1 | 67 | 125·4 | 38·5 | 62·87 | NE. | E., ENE. & NE. | 2·3 | 0·0 | 0·1 | 236 | − 25 | 0·00 | 0·0 |
| SATURDAY- | 24 | .. | 29·952 | 60·7 | 40·0 | 20·7 | 51·8 | − 3·3 | 41·7 | 10·1 | 16·9 | 3·2 | 69 | 119·7 | 34·4 | 62·40 | NE., NNE. & NNW. | NNE. & NE. | 1·3 | 0·0 | 0·0 | 165 | − 94 | 0·00 | 0·0 |
| MEANS - | - | | 29·942 | 68·7 | 47·1 | 21·6 | 57·2 | + 1·4 | 49·1 | 8·1 | 16·8 | 2·2 | 75 | 116·6 | 41·1 | 63·57 | SW. & NE. | | .. | .. | .. | Sum 1566 | Sum −293 | Sum 0·12 | 0·0 |
| No. of Column - | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| Date. September | | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | General Remarks. |
|---|---|---|---|---|---|
| SUNDAY - | 18 | m. P. till 3h. A.M.; w. P. till 9h. A.M.; v. P. and v. N. till 11h. A.M.; m. P. generally afterwards. | 1·1 | 12·4 | Very fine till 9h. A.M.; overcast till 5h. P.M. with continuous rain till noon; very fine and cloudless afterwards. |
| MONDAY - | 19 | m. P. till noon; w. P. generally afterwards. | 3·5 | 12·4 | Cloudless in morning; partially cloudy till 1h. P.M.; generally overcast afterwards. Showery in afternoon. |
| TUESDAY - | 20 | w. P. throughout - | 6·6 | 12·3 | Cloudy till noon; very fine afterwards. Cloudless at night. |
| WEDNESDAY | 21 | w. P. till 6h. A.M.; m. P. afterwards. | 4·9 | 12·2 | Cloudless in early morning; fine and partially cloudy till afternoon; cloudless afterwards. Solar halo in forenoon; slight fog in evening. |
| THURSDAY- | 22 | w.P. generally with occasional m. P. | 3·6 | 12·2 | Cloudless with fog till 8h. A.M.; fine with variable amounts of cloud afterwards. |
| FRIDAY - | 23 | w. P. till 6h. P.M.; m. P. afterwards. | 9·8 | 12·1 | Generally cloudless. A very fine day. |
| SATURDAY- | 24 | m. P. throughout - | 4·3 | 12·0 | Very fine with slight fog till 8h. A.M.; fine and partially cloudy till 6h. P.M.; generally overcast afterwards. |
| | | | Sum 33·8 | Sum 85·6 | |
| No. of Col. - | - | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer increased from 29·75 in. at the beginning of the week to 30·08 in. by 9h. A.M. on the 19th; decreased to 29·84 in. by 3h. P.M. on the 21st; increased to 30·08 in. by 9h. A.M. on the 23rd; and decreased to 29·92 in. by the end of the week.

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1898.

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# WEEKLY RETURN
OF
# BIRTHS AND DEATHS IN LONDON
AND IN
## THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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No. 39. 1898. VOL. LIX.] WEEK ENDING SATURDAY, OCT. 1. [Price 1½*d*

*General Register Office, Somerset House,*
*October 3rd*, 1898.

### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 21·8 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000 :—

| TOWNS. | Weeks ending | | | | TOWNS. | Weeks ending | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Sept. 10. | Sept. 17. | Sept. 24. | Oct. 1. | | Sept. 10. | Sept. 17. | Sept. 24. | Oct. 1. |
| 33 Great Towns | 24·6 | 24·0 | 23·6 | 21·8 | Leicester - - | 23·5 | 23·0 | 18·5 | 16·5 |
| Birkenhead - | 23·0 | 20·3 | 23·5 | 19·3 | Liverpool - - | 29·7 | 29·6 | 29·0 | 28·5 |
| Birmingham - | 23·1 | 20·9 | 22·6 | 23·9 | London - - - | 23·2 | 21·2 | 21·6 | 19·7 |
| Blackburn - | 31·3 | 30·5 | 23·9 | 19·6 | Manchester - - | 30·4 | 31·0 | 32·4 | 28·1 |
| Bolton - - | 24·7 | 37·0 | 29·4 | 23·4 | Newcastle-on-Tyne | 33·9 | 30·9 | 28·5 | 26·4 |
| Bradford - | 21·9 | 24·3 | 21·9 | 21·6 | Norwich - - | 27·5 | 28·9 | 26·1 | 25·7 |
| Brighton - | 27·7 | 26·9 | 24·3 | 22·6 | Nottingham - - | 23·0 | 25·2 | 23·8 | 20·8 |
| Bristol - | 20·2 | 19·4 | 22·2 | 17·6 | Oldham - - | 17·2 | 20·4 | 21·8 | 20·0 |
| Burnley - | 21·9 | 30·5 | 25·2 | 19·5 | Plymouth - - | 27·4 | 22·1 | 19·5 | 21·0 |
| Cardiff - - | 16·4 | 22·0 | 21·1 | 15·5 | Portsmouth - - | 17·3 | 16·5 | 15·9 | 19·0 |
| Croydon - | 26·8 | 16·3 | 21·8 | 13·8 | Preston - - | 30·5 | 24·2 | 23·3 | 22·9 |
| Derby - - | 23·4 | 20·9 | 18·9 | 20·9 | Salford - - - | 35·5 | 34·8 | 35·8 | 35·5 |
| Gateshead - | 30·1 | 37·2 | 38·7 | 33·7 | Sheffield - - | 24·6 | 29·3 | 26·0 | 25·5 |
| Halifax - | 18·9 | 18·9 | 18·9 | 24·3 | Sunderland - - | 35·5 | 40·6 | 37·0 | 32·3 |
| Huddersfield- | 19·8 | 27·0 | 20·4 | 17·3 | Swansea - - | 17·4 | 15·8 | 16·4 | 17·9 |
| Hull - - | 30·2 | 30·6 | 31·5 | 28·8 | West Ham - - | 19·5 | 15·1 | 16·2 | 16·4 |
| Leeds - - | 23·5 | 24·0 | 20·4 | 19·9 | Wolverhampton - | 30·2 | 33·2 | 26·1 | 23·7 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were :—from *measles*, 1·9 in Norwich ; from *scarlet fever*, 1·0 in Salford ; from *whooping-cough*, 1·5 in Gateshead ; from "*fever*", 1·0 in Huddersfield, 1·3 in Bolton, and 1·4 in Birkenhead ; and from *diarrhœa*, 5·1 in Bradford, 5·3 in Sheffield, 5·4 in Preston, 5·5 in Brighton, 5·7 in Burnley, 6·7 in Blackburn, 6·8 in Bolton, 7·2 in Sunderland, 8·5 in Salford, 9·0 in Gateshead, 9·3 in Manchester, 10·0 in Hull, and 10·7 in Norwich. The 60 deaths from *diphtheria* included 33 in London, 6 in Swansea, 5 in Leeds, 3 in Birmingham, and 3 in Liverpool. No death from *small-pox* was registered in any of the thirty-three towns.

### LONDON.

In LONDON† 2614 BIRTHS and 1700 DEATHS were registered. Allowing for increase of population, the births were 18, and the deaths 259, above the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas, to which they belong.

695—660—10/98 Wt 91 D & S 3 2 Q

23·2, 21·2, and 21·6 in the preceding three weeks, fell again last week to 19·7. During the four weeks ending on Saturday last the death-rate averaged 21·4 per 1000, being 5·1 per 1000 above the mean rate in the corresponding periods of the ten years 1888–97.

The 1700 deaths included 10 from measles, 10 from scarlet fever, 33 from diphtheria, 29 from whooping-cough, 9 from enteric fever, 247 from diarrhœa and dysentery, 10 from cholera and choleraic diarrhœa, and not one death from small-pox, from typhus, or from any ill-defined form of continued fever; thus, 348 deaths were referred to these diseases, being 136 above the corrected average weekly number.

The deaths from *measles*, which had been 16, 8, and 12 in the preceding three weeks, fell again last week to 10, and were 8 below the corrected average; 3 cases belonged to Bethnal Green sanitary area. The deaths from *scarlet fever*, which had been 8, 3, and 9 in the preceding three weeks, were 10 last week, the corrected average being 24. The deaths from *diphtheria*, which had been 30, 29, and 29 in the preceding three weeks, rose again last week to 33, but were 22 below the corrected average; 4 cases belonged to Bermondsey, 4 to Wandsworth, 4 to Hackney, 3 to Poplar, and 3 to Battersea sanitary areas. The deaths from *whooping-cough*, which had been 40, 25, and 31 in the preceding three weeks, fell again last week to 29, but were 5 above the corrected average. The fatal cases of *enteric fever*, which had been 19, 7, and 9 in the preceding three weeks, were again 9 last week, the corrected average being 17; 2 cases belonged to St. Pancras sanitary area. The deaths from *diarrhœa*, which had been 433, 397, and 347 in the preceding three weeks, further fell last week to 247, but were 176 above the corrected average. Of the 247 deaths from diarrhœa, 223 were of children under 5 years of age; 76 more deaths at this age-period were described as due to *gastro-enteritis*, and are included under the heading enteritis in Table 4. The deaths referred to diseases of the respiratory organs, which had been 130, 135, and 157 in the preceding three weeks, further rose last week to 200, the corrected average being 199. The deaths attributed directly to *influenza* numbered 5, having been 2, 4, and 4 in the preceding three weeks.

Different forms of violence caused 66 deaths, concerning all but 2 of which inquests were held. Of these 66 deaths, 9 were cases of suicide, and 1 of homicide, while the remaining 56 were attributed to accident or negligence. Nine of these were referred to vehicles in the streets, 2 to sunstroke, 1 to the effects of chloroform administered for surgical purposes, and 8 (including 7 of infants under one year of age), to suffocation in bed.

## Cases of Infectious Sickness in Hospitals.*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2459 cases of scarlet fever, 1027 of diphtheria, and 155 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 300 cases, against 273, 242, and 288; of diphtheria, 197 cases, against 144, 158, and 155; and of enteric fever, 36 cases, against 25, 24, and 26.

## Greater London.

In Greater London 3577 births and 2301 deaths were registered, corresponding to annual rates of 29·1 and 18·7 per 1000 of the estimated population. In the Outer Ring 3 deaths from measles, 2 from scarlet fever, 17 from diphtheria, 11 from whooping-cough, 6 from "fever," and 116 from diarrhœal diseases (including cholera) were registered. Seven deaths from diphtheria, 3 from "fever," and 35 from diarrhœal diseases occurred in West Ham district.

## Meteorology.

The mean reading of the Barometer last week at Greenwich was 29·80 inches, and that of the Thermometer 52·9; the latter being 1·7 below the week's average in the 50 years 1841–90. The direction of the wind was variable, the horizontal movement of the air being 17 per cent. below the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 42·4 hours; the measured rainfall amounted to 0·16 of an inch.

* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Births | Deaths | Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Deaths corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6-12. | Highest. (Fahrenheit.) | Lowest. (Fahrenheit.) | Mean. Fahrenheit. | Mean. Centigrade. | Rainfall. In Inches. | Rainfall. In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | the Week ending 1st October 1898. | | Deaths from | | | | | | | | | | | | | | | | | | | | | |
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| 33 Towns - | **11,218,378** | **6652** | **4695** | **1854** | **847** | - | **30** | **26** | **60** | **66** | **53** | **884** | **134** | **292** | **824** | **48** | **21·8** | **5·2** | **66·1** | **31·9** | **50·7** | **10·39** | **0·39** | **0·99** | 33 Towns. |
| London - - | 4,504,766 | 2614 | 1700 | 619 | 332 | - | 10 | 10 | 33 | 29 | 9 | 247 | 66 | 147 | 446 | 9 | 19·7 | 3·9 | 66·1 | 39·9 | 52·9 | 11·61 | 0·16 | 0·41 | London. |
| West Ham - - | 286,654 | 162 | 90 | 36 | 10 | - | 1 | - | 2 | 2 | 2 | 13 | 2 | 3 | 11 | 1 | 16·4 | 3·6 | - | - | - | - | - | - | West Ham. |
| Croydon - - | 124,421 | 55 | 33 | 15 | 9 | - | - | - | 1 | 1 | - | | - | - | 2 | - | 13·8 | 2·9 | 65·5 | 35·5 | 50·9 | 10·50 | 0·21 | 0·53 | Croydon. |
| Brighton - - | 122,310 | 52 | 53 | 22 | 15 | - | - | - | - | - | - | 13 | 1 | 3 | 11 | - | 22·6 | 5·5 | 66·0 | 39·8 | 54·3 | 12·39 | 0·80 | 2·03 | Brighton. |
| Portsmouth - | 186,618 | 105 | 68 | 19 | 15 | - | 1 | - | 1 | - | 1 | 11 | 2 | 5 | 4 | 2 | 19·0 | 3·9 | - | - | - | - | - | - | Portsmouth. |
| Plymouth - - | 99,136 | 48 | 40 | 19 | 9 | - | 1 | - | - | 1 | - | 7 | - | - | 5 | - | 21·0 | 4·7 | - | - | - | - | - | - | Plymouth. |
| Bristol - - | 316,900 | 197 | 107 | 30 | 24 | - | - | - | - | 2 | 1 | 26 | 3 | 6 | 18 | - | 17·6 | 4·8 | - | - | - | - | - | - | Bristol. |
| Cardiff - - | 177,770 | 131 | 53 | 26 | 3 | - | - | - | - | 1 | 1 | 10 | 3 | 8 | 8 | 1 | 15·5 | 3·5 | - | - | - | - | - | - | Cardiff. |
| Swansea - - | 102,001 | 48 | 35 | 12 | 4 | - | - | - | 6 | 1 | - | 1 | 1 | 4 | - | - | 17·9 | 4·1 | - | - | - | - | - | - | Swansea. |
| Wolverhampton | 88,051 | 58 | 40 | 14 | 7 | - | - | - | 1 | - | 1 | 5 | 1 | 4 | 5 | - | 23·7 | 4·1 | 60·0 | 31·9 | 46·9 | 8·28 | 0·84 | 2·13 | Wolverhampton. |
| Birmingham - | 510,343 | 297 | 234 | 87 | 43 | - | 2 | 1 | 3 | 2 | 3 | 36 | 6 | 12 | 41 | 7 | 23·9 | 4·8 | - | - | - | - | - | - | Birmingham. |
| Norwich - - | 111,609 | 65 | 55 | 25 | 7 | - | 4 | - | - | - | 1 | 23 | 1 | 3 | 2 | - | 25·7 | 13·1 | 66·0 | 35·7 | 52·4 | 11·33 | 0·06 | 0·15 | Norwich. |
| Leicester - - | 208,662 | 111 | 66 | 23 | 15 | - | - | - | 1 | - | 1 | 10 | 2 | 4 | 4 | 1 | 16·5 | 3·0 | - | - | - | - | - | - | Leicester. |
| Nottingham - | 236,137 | 130 | 94 | 38 | 21 | - | 1 | 3 | - | 1 | 2 | 21 | 1 | 1 | 16 | - | 20·8 | 6·2 | 64·1 | 37·0 | 49·6 | 9·78 | 0·31 | 0·79 | Nottingham. |
| Derby - - - | 104,834 | 53 | 42 | 15 | 12 | - | - | - | - | 1 | 1 | 7 | 2 | 6 | 4 | - | 20·9 | 4·5 | - | - | - | - | - | - | Derby. |
| Birkenhead - | 113,189 | 61 | 42 | 18 | 7 | - | - | - | - | - | 3 | 4 | - | 1 | 3 | 1 | 19·3 | 3·2 | - | - | - | - | - | - | Birkenhead. |
| Liverpool - - | 633,645 | 433 | 346 | 113 | 59 | - | 6 | 2 | 3 | 4 | 4 | 42 | 11 | 16 | 69 | 9 | 28·5 | 5·0 | 60·3 | 41·1 | 50·1 | 10·06 | 0·69 | 1·75 | Liverpool. |
| Bolton† - - | 122,495 | 57 | 55 | 17 | 9 | - | - | - | - | - | 3 | 16 | 1 | 7 | 4 | - | 23·4 | 8·1 | - | - | - | - | - | - | Bolton.† |
| Manchester - | 539,079 | 318 | 291 | 128 | 46 | - | 1 | - | 1 | 1 | - | 96 | 9 | 14 | 39 | 3 | 28·1 | 9·6 | - | - | - | - | - | - | Manchester. |
| Salford - - | 215,702 | 144 | 147 | 75 | 16 | - | - | 4 | - | 2 | 1 | 35 | 5 | 7 | 23 | 1 | 35·5 | 10·2 | - | - | - | - | - | - | Salford. |
| Oldham - - | 148,288 | 88 | 57 | 25 | 10 | - | - | 1 | 1 | 2 | - | 13 | - | - | 1 | - | 20·0 | 6·0 | - | - | - | - | - | - | Oldham. |
| Burnley - - | 109,546 | 63 | 41 | 21 | 5 | - | - | - | - | - | - | 12 | 1 | 3 | 1 | - | 19·5 | 5·7 | - | - | - | - | - | - | Burnley. |
| Blackburn - - | 133,228 | 77 | 50 | 27 | 4 | - | - | 1 | - | - | - | 17 | - | - | - | 4 | 19·6 | 7·0 | - | - | - | - | - | - | Blackburn. |
| Preston - - | 116,356 | 80 | 51 | 25 | 12 | - | - | - | - | 1 | 1 | 12 | 1 | 1 | 6 | 1 | 22·9 | 6·3 | - | - | - | - | - | - | Preston. |
| Huddersfield - | 102,454 | 47 | 34 | 12 | 10 | - | - | - | - | - | 2 | 8 | - | - | 6 | - | 17·3 | 5·1 | 61·0 | 34·5 | 48·9 | 9·39 | 0·17 | 0·43 | Huddersfield. |
| Halifax - - | 96,729 | 46 | 45 | 21 | 8 | - | - | - | - | 1 | - | 5 | 1 | 1 | 2 | 1 | 24·3 | 3·2 | - | - | - | - | - | - | Halifax. |
| Bradford - - | 233,737 | 106 | 97 | 42 | 20 | - | 1 | - | 1 | - | - | 23 | - | 2 | 13 | 1 | 21·6 | 5·6 | 62·0 | 44·0 | 51·3 | 10·72 | 0·46 | 1·17 | Bradford. |
| Leeds - - - | 416,618 | 260 | 159 | 70 | 27 | - | - | - | 5 | 2 | 2 | 32 | 4 | 9 | 10 | 1 | 19·9 | 5·1 | - | - | - | - | - | - | Leeds. |
| Sheffield - - | 356,478 | 274 | 174 | 75 | 28 | - | 1 | 2 | 1 | 3 | 6 | 36 | 3 | 4 | 19 | 1 | 25·5 | 7·2 | - | - | - | - | - | - | Sheffield. |
| Hull - - - | 229,887 | 160 | 127 | 72 | 16 | - | - | - | - | 2 | 2 | 44 | 1 | 4 | 16 | 2 | 28·8 | 10·9 | 64·0 | 37·0 | 49·9 | 9·94 | 0·22 | 0·56 | Hull. |
| Sunderland - | 143,849 | 103 | 89 | 32 | 14 | - | 1 | 2 | - | 2 | 2 | 20 | 3 | 5 | 10 | 1 | 32·3 | 9·8 | - | - | - | - | - | - | Sunderland. |
| Gateshead - - | 103,775 | 70 | 67 | 35 | 10 | - | - | - | - | 3 | 1 | 18 | - | 2 | 4 | - | 33·7 | 11·1 | - | - | - | - | - | - | Gateshead. |
| Newcastle - - | 223,021 | 139 | 113 | 46 | 20 | - | - | - | - | 2 | 3 | 16 | 3 | 10 | 21 | 1 | 26·4 | 4·9 | - | - | - | - | - | - | Newcastle. |

* See note * on first page of this return

† The recent extension of the Borough of Bolton will not be taken into account in the Weekly Returns until 1899.

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the THIRTY-NINTH Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2395 | 2504 | 2458 | 2367 | 2469 | 2633 | 2403 | 2618 | 2316 | 2503 | 2595·6 | 2614 |
| Males - - | 1219 | 1294 | 1237 | 1238 | 1258 | 1377 | 1243 | 1378 | 1200 | 1246 | 1335·4 | 1299 |
| Females - | 1176 | 1210 | 1221 | 1129 | 1211 | 1256 | 1160 | 1240 | 1116 | 1257 | 1260·2 | 1315 |
| TOTAL **Deaths** - | 1314 | 1361 | 1458 | 1272 | 1245 | 1656 | 1277 | 1532 | 1264 | 1313 | 1440·8 | 1700 |
| Males - - | 679 | 669 | 790 | 647 | 631 | 855 | 675 | 784 | 637 | 707 | 744·4 | 930 |
| Females - - | 635 | 692 | 668 | 625 | 614 | 801 | 602 | 748 | 627 | 606 | 696·4 | 770 |

*The numbers in this column are the average weekly numbers in the thirty-ninth week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | July 9. | July 16. | July 23. | July 30. | Aug 6. | Aug. 13. | Aug. 20. | Aug. 27. | Sept. 3. | Sept. 10. | Sept. 17. | Sept. 24. | Oct. 1. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** - - - | 2502 | 2502 | 2505 | 2696 | 2335 | 2807 | 2489 | 2551 | 2650 | 2446 | 2499 | 2574 | 2614 |
| TOTAL **Deaths** - - - | 1232 | 1214 | 1330 | 1452 | 1586 | 1772 | 2019 | 1856 | 1898 | 2007 | 1832 | 1863 | 1700 |
| Ages at Death: Under 1 year - - | 301 | 305 | 385 | 493 | 592 | 800 | 915 | 886 | 887 | 929 | 786 | 764 | 619 |
| 1—5 years - - | 142 | 157 | 152 | 175 | 198 | 212 | 233 | 222 | 203 | 244 | 211 | 202 | 195 |
| 5—20 " - - | 63 | 78 | 79 | 71 | 85 | 72 | 61 | 64 | 83 | 76 | 64 | 86 | 76 |
| 20—40 " - - | 171 | 179 | 152 | 181 | 158 | 151 | 172 | 157 | 189 | 200 | 178 | 204 | 185 |
| 40—60 " - - | 281 | 220 | 249 | 248 | 262 | 235 | 283 | 236 | 259 | 241 | 270 | 269 | 293 |
| 60—80 " - - | 223 | 220 | 254 | 226 | 238 | 255 | 295 | 243 | 226 | 256 | 269 | 266 | 288 |
| 80 year and upwards | 51 | 55 | 59 | 58 | 53 | 47 | 60 | 48 | 51 | 61 | 54 | 72 | 44 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox - - - - - | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Measles - - - - - | 28 | 23 | 22 | 23 | 14 | 31 | 18 | 20 | 11 | 16 | 8 | 12 | 10 |
| Scarlet Fever - - - | 8 | 8 | 8 | 7 | 8 | 10 | 17 | 7 | 5 | 8 | 3 | 9 | 10 |
| Diphtheria - - - - | 27 | 39 | 29 | 21 | 30 | 27 | 26 | 21 | 19 | 30 | 29 | 29 | 33 |
| Whooping-cough - - - | 41 | 40 | 38 | 30 | 29 | 34 | 32 | 32 | 29 | 40 | 25 | 31 | 29 |
| Typhus - - - - - | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Enteric Fever - - - | 7 | 4 | 8 | 7 | 10 | 2 | 13 | 9 | 15 | 19 | 7 | 9 | 9 |
| Simple Continued Fever - | – | – | – | – | – | 1 | 1 | – | 1 | – | – | – | – |
| Diarrhœa and Dysentery .. | 25 | 52 | 69 | 138 | 227 | 328 | 433 | 463 | 431 | 433 | 327 | 347 | 247 |
| Cholera - - - - - - | – | 3 | 2 | 8 | 13 | 15 | 14 | 14 | 13 | 13 | 14 | 7 | 10 |
| All the above Diseases - | 136 | 169 | 176 | 234 | 331 | 448 | 554 | 566 | 524 | 559 | 483 | 444 | 348 |
| Dis. of Respiratory System - | 160 | 175 | 148 | 173 | 174 | 171 | 196 | 135 | 127 | 130 | 135 | 157 | 200 |
| Phthisis - - - - - - | 150 | 126 | 148 | 133 | 124 | 139 | 115 | 107 | 144 | 140 | 133 | 127 | 147 |
| Dis. of Circulatory System - | 107 | 91 | 119 | 116 | 122 | 127 | 112 | 106 | 116 | 111 | 123 | 121 | 136 |
| Violence - - - - - | 56 | 55 | 64 | 80 | 73 | 61 | 67 | 73 | 60 | 71 | 96 | 58 | 66 |
| Inquest Cases - - - - | 112 | 119 | 127 | 164 | 139 | 131 | 139 | 150 | 124 | 135 | 166 | 133 | 147 |
| Deaths in Public Institutions - | 404 | 367 | 434 | 446 | 413 | 428 | 500 | 407 | 469 | 470 | 470 | 495 | 446 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean - - - - - - | 60°·0 | 61°·9 | 62°·8 | 61°·0 | 63°·8 | 61°·9 | 69°·5 | 65°·4 | 61°·1 | 70°·4 | 66°·4 | 57°·2 | 52°·9 |
| Mean of Highest readings - | 70·1 | 73·4 | 74·2 | 70·4 | 75·9 | 72·2 | 82·1 | 76·8 | 73·2 | 83·6 | 79·5 | 68·7 | 63·8 |
| Mean of Lowest readings - | 52·0 | 50·9 | 54·2 | 54·1 | 52·7 | 53·6 | 59·3 | 55·8 | 50·5 | 60·0 | 55·1 | 47·1 | 42·5 |
| Humidity of the Air - - | 71 | 68 | 74 | 76 | 69 | 76 | 69 | 73 | 67 | 68 | 64 | 75 | 72 |
| Rain-fall (in inches) - - | 0·00 | 0·02 | 0·45 | 0·72 | 0·06 | 0·56 | 0·03 | 0·14 | 0·08 | 0·00 | 0·02 | 0·12 | 0·16 |
| Registered Sunshine (in hours) | 40·4 | 52·0 | 36·1 | 25·6 | 58·4 | 35·6 | 61·0 | 45·1 | 60·7 | 59·7 | 56·8 | 33·8 | 42·4 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox - - - - - | – | – | – | – | 1 | 1 | 2 | 2 | 2 | 3 | 2 | 1 | – |
| Scarlet Fever - - - - | 2250 | 2314 | 2355 | 2321 | 2326 | 2293 | 2241 | 2178 | 2240 | 2300 | 2319 | 2353 | 2459 |
| Diphtheria - - - - | 1013 | 1033 | 1034 | 1022 | 1024 | 953 | 937 | 903 | 869 | 893 | 916 | 964 | 1027 |
| Enteric Fever - - - - | 62 | 68 | 85 | 87 | 97 | 106 | 106 | 115 | 118 | 119 | 127 | 128 | 155 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and F. Boobbyer Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S Preston; A. Johnson, Esq., M.Inst.C.E., Bradford; and Mr. E. Peak, Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-NINTH Week of the Year 1898.

| CAUSES OF DEATH | Corrected Averages for the 39th Week of the 10 years 1888–97*. | In the Week ending Saturday, 1st October 1898. Deaths of Persons of the Ages: All Ages. | Under 20. 0–1. | 1–5. | 5–20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| CAUSES - - - | 1440·8 | 1700 | 619 | 195 | 76 | 185 | 293 | 288 | 44 |
| ...all- { Vaccinated† - | 0·4 | - | - | - | - | - | - | - | - |
| ...x { Unvaccinated | 0·2 | - | - | - | - | - | - | - | - |
| ... { No Statement | - | - | - | - | - | - | - | - | - |
| ...les - - - - | 18·0 | 10 | 2 | 8 | - | - | - | - | - |
| ...et Fever - - - | 23·7 | 10 | - | 7 | 3 | - | - | - | - |
| ...us - - - - | 0·2 | - | - | - | - | - | - | - | - |
| ...osing Fever - - | - | - | - | - | - | - | - | - | - |
| ...enza - - - - | 2·5 | 5 | - | 1 | - | - | 2 | 1 | 1 |
| ...oping-cough - - | 24·1 | 29 | 13 | 16 | - | - | - | - | - |
| ...theria - - | 54·8 | 33 | 3 | 20 | 10 | - | - | - | - |
| ...le Continued and defined Fever - | 0·5 | - | - | - | - | - | - | - | - |
| ...ric Fever - - - | 16·6 | 9 | - | - | 1 | 6 | 2 | - | - |
| ...ra and Chol. Diarr. | 1·7 | 10 | 8 | 1 | - | - | - | 1 | - |
| ...hœa, Dysentery - | 71·3 | 247 | 197 | 26 | - | - | 6 | 15 | 3 |
| ...ttent Fever - - | 0·2 | - | - | - | - | - | - | - | - |
| ...ophobia - - - | 0·3 | - | - | - | - | - | - | - | - |
| ...ers - - - - | - | - | - | - | - | - | - | - | - |
| ...ox and Effects of vaccination - - | 0·5 | - | - | - | - | - | - | - | - |
| ...real Affections - - | 10·8 | 10 | 5 | 1 | - | 1 | 2 | 1 | - |
| ...pelas - - - | 4·2 | 5 | 1 | - | - | 2 | - | 2 | - |
| ...nia and Septicæmia | 2·6 | 1 | - | - | - | - | 1 | - | - |
| ...peral Fever - - | 4·5 | 2 | - | - | - | 2 | - | - | - |
| ...Zymotic Diseases | 0·9 | - | - | - | - | - | - | - | - |
| ...h - - - - - | 1·4 | 1 | 1 | - | - | - | - | - | - |
| ...s and other Parasitical Diseases - | - | - | - | - | - | - | - | - | - |
| ...ation, Want of breast-milk - - | 1·6 | 2 | 2 | - | - | - | - | - | - |
| ...olism - - - | 10·2 | 17 | - | - | - | 2 | 14 | 1 | - |
| ...matic Fever, Rheumatism of Heart | 8·3 | 4 | - | - | 2 | - | 2 | - | - |
| ...matism - - - | 1·7 | 3 | - | - | - | 1 | 2 | - | - |
| ... - - - - - | 2·6 | 1 | - | - | - | - | 1 | - | - |
| ...ts - - - - | 4·0 | 3 | 3 | - | - | - | - | - | - |
| ...r - - - - - | 72·3 | 79 | - | - | - | 13 | 34 | 31 | 1 |
| ... Mesenterica - - | 33·6 | 49 | 28 | 9 | 3 | - | - | - | - |
| ...cular Meningitis - | 22·5 | 15 | 8 | 10 | - | - | 1 | - | - |
| ...sis - - - - | 139·8 | 147 | 2 | 6 | 12 | 65 | 52 | 9 | 1 |
| ...la, Tuberculosis - Constitutional | 19·6 | 27 | 9 | 5 | 6 | 2 | 5 | - | - |
| ...eases - - | 12·9 | 8 | - | - | - | 3 | - | 5 | - |
| ...ature Birth - - | 51·2 | 56 | 56 | - | - | - | - | - | - |
| ...rtasis - - - | 3·2 | 5 | 5 | - | - | - | - | - | - |
| ...nital Malforma- ...s - - - - | 6·9 | 10 | 9 | 1 | - | - | - | - | - |
| ...ge - - - - | 38·3 | 38 | - | - | - | - | - | 20 | 18 |
| ...exy - - - | 37·5 | 31 | - | - | - | 3 | 6 | 20 | 2 |
| ...psy - - - - | 5·9 | 8 | - | - | 1 | 1 | 4 | 2 | - |
| ...lsions - - - | 39·6 | 23 | 22 | 1 | - | - | - | - | - |
| ... Diseases of Brain Nervous System | 78·6 | 71 | 8 | 9 | 5 | 10 | 16 | 21 | 2 |
| ...es of Organs of ...ial Sense - | 4·3 | 7 | 1 | - | 2 | 2 | 1 | 1 | - |

| CAUSES OF DEATH | Corrected Averages for the 39th Week of the 10 years 1888–97*. | In the Week ending Saturday, 1st October 1898. Deaths of Persons of the Ages: All Ages. | Under 20. 0–1. | 1–5. | 5–20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 116·6 | 136 | 3 | - | 5 | 21 | 58 | 45 | 4 |
| Croup - - - - | 5·3 | 2 | 1 | 1 | - | - | - | - | - |
| Bronchitis - - - | 96·7 | 81 | 26 | 12 | 1 | 3 | 10 | 23 | 6 |
| Pneumonia - - - | 72·9 | 93 | 24 | 26 | 8 | 10 | 12 | 13 | - |
| Pleurisy - - - - | 4·6 | 7 | - | 1 | - | 4 | 1 | 1 | - |
| Other Diseases of Respiratory System - | 19·0 | 17 | 2 | 1 | 1 | - | 4 | 8 | 1 |
| Dentition - - - - | 7·3 | 3 | 1 | 2 | - | - | - | - | - |
| Quinsy, Sore Throat - | 2·1 | - | - | - | - | - | - | - | - |
| Enteritis - - - - | 25·3 | 109 | 76 | 17 | 3 | 1 | 2 | 9 | 1 |
| Peritonitis - - - | 6·5 | 3 | - | - | - | - | 2 | 1 | - |
| Diseases of Liver - - | 26·3 | 24 | 1 | - | - | 4 | 12 | 7 | - |
| Other Diseases of Digestive System | 30·5 | 33 | 13 | 1 | 1 | 6 | 3 | 9 | - |
| Diseases of Lymphatic System & of Ductless Glands - - - | 1·6 | 1 | - | - | 1 | - | - | - | - |
| Diseases of Urinary System - - - | 40·1 | 54 | - | - | 1 | 7 | 20 | 24 | 2 |
| Diseases of Generative System - - - | 4·9 | 5 | - | 1 | - | - | 1 | 3 | - |
| Accidents of Childbirth - | 4·9 | 3 | - | - | - | 2 | 1 | - | - |
| Diseases of Locomotive System - - - | 5·9 | 5 | 1 | 1 | - | - | 3 | - | - |
| Diseases of Integumentary System - - | 6·6 | 5 | 1 | - | - | - | - | 4 | - |
| VIOLENT DEATHS.‡ (ACCIDENT.) | | | | | | | | | |
| By Railways - - - | | 2 | - | - | - | 2 | - | - | - |
| By Vehicles or Horses - | | 9 | - | 2 | 2 | 1 | 2 | 1 | 1 |
| In Ships, Boats, Docks, (exclusive of Drowning) - - - | | - | - | - | - | - | - | - | - |
| In Building Operations - | | - | - | - | - | - | - | - | - |
| In Conflagrations - | | - | - | - | - | - | - | - | - |
| By Burns, Scalds, Explosions - - | 54·2 | 8 | - | 3 | 1 | 3 | - | 1 | - |
| By Drowning - - - | | 2 | - | - | 1 | 1 | - | - | - |
| By Suffocation in Bed - | | 8 | 7 | - | - | - | 1 | - | - |
| By Poisons or Poisonous Vapours - - | | 5 | - | - | 1 | 2 | 2 | - | - |
| Other or not stated causes - - - - | | 22 | 4 | 2 | 3 | 2 | 4 | 6 | 1 |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - | 1·3 | 1 | - | - | 1 | - | - | - | - |
| Suicide - - - - | 9·8 | 9 | - | - | 1 | 2 | 4 | 2 | - |
| Execution - - - | - | - | - | - | - | - | - | - | - |
| OTHER CAUSES - | 64·4 | 82 | 76 | 4 | - | 1 | - | 1 | - |

...e numbers in this column are the average weekly deaths for the ten years 1888–97, raised by 5·230 per cent. for increase ...pulation.

...ly those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered ...al men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the ... of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

...e evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of ...nt, murder manslaughter or suicide. All such cases are classed under "accident."

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 1st October, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2614 | 1700 | 619 | 332 | – | 10 | 10 | 33 | 29 | – | 9 | – | 247 | 66 | 147 | 446 |
| WEST DISTRICTS - - - | 778,251 | 382 | 250 | 81 | 54 | – | – | 2 | 5 | 2 | – | 1 | – | 26 | 13 | 22 | 80 |
| NORTH DISTRICTS - - - | 1,040,694 | 590 | 365 | 128 | 81 | – | 2 | 3 | 8 | 7 | – | 3 | – | 60 | 6 | 29 | 76 |
| CENTRAL DISTRICTS - - - | 233,635 | 148 | 112 | 36 | 17 | – | 1 | – | 3 | – | – | 1 | – | 16 | 7 | 13 | 36 |
| EAST DISTRICTS - - - | 716,334 | 498 | 331 | 130 | 61 | – | 4 | – | 2 | 2 | – | 1 | – | 48 | 17 | 46 | 100 |
| SOUTH DISTRICTS - - - | 1,642,796 | 996 | 618 | 244 | 111 | – | 3 | 5 | 15 | 18 | – | 3 | – | 97 | 23 | 36 | 130 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | — | – | 24 | – | 8 | – | – | – | – | – | – | – | – | – | – | 1 | 24 |
| WEST DISTRICTS. | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 54 | 31 | 15 | 7 | – | – | – | – | – | – | – | – | 5 | – | – | 6 |
| St. John Paddington *H* - - G. | 33,510 | 8 | 6 | 1 | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 | 4 |
| Kensington Town *Ww* - - W. | 122,164 | 63 | 47 | 12 | 15 | – | – | – | – | 1 | – | – | – | 4 | 2 | 4 | 17 |
| Brompton *HH*- - - W. & C. | 48,301 | 14 | 7 | 4 | 1 | – | – | – | – | – | – | – | – | 1 | – | 2 | – |
| St. Peter Hammersmith - - W. | 9,097 | 1 | 3 | 2 | – | – | – | – | – | – | – | – | – | 2 | – | – | – |
| St. Paul Hammersmith *HH* W. & G. | 25,102 | 54 | 30 | 15 | 4 | – | – | – | – | 1 | – | 1 | – | 4 | 2 | 4 | 4 |
| Fulham *Ww* - - - W. & C. | 113,781 | 86 | 44 | 13 | 8 | – | – | 2 | 3 | – | – | – | – | 4 | 2 | 4 | 18 |
| Chelsea Kensal Town - C. | 21,450 | 4 | 4 | 2 | – | – | – | – | – | – | – | – | – | 1 | – | – | – |
| Chelsea North *WHHHHH* - C. | 42,057 | 14 | 20 | 1 | 5 | – | – | – | – | – | – | – | – | – | 1 | 1 | 14 |
| Chelsea South *HH* - - C. | 33,139 | 15 | 7 | 5 | – | – | – | – | – | – | – | – | – | 2 | – | – | – |
| May Fair *W* - - - - G. | 23,827 | 7 | 5 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 5 |
| Belgrave *WHHH* - - - C. | 56,140 | 27 | 20 | 5 | 5 | – | – | – | 2 | – | – | – | – | 2 | 3 | 3 | 6 |
| St. John Westminster *HH* - C. | 31,492 | 11 | 12 | 4 | 3 | – | – | – | – | – | – | – | – | 1 | 1 | 2 | 1 |
| St. Margaret Westminster *H*- C. | 22,097 | 5 | 6 | 1 | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 | 2 |
| St. James Westminster *WHH* N. & G. | 23,050 | 8 | 7 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – | 2 |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 11 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | 1 |
| NORTH DISTRICTS. | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - - W. | 36,595 | 7 | 5 | 1 | 1 | – | – | – | – | – | – | – | – | 1 | – | 1 | 2 |
| Rectory Marylebone *W* G. & W. | 19,798 | 9 | 2 | – | 1 | – | – | – | – | – | – | – | – | 1 | – | – | 1 |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 30 | 9 | 4 | – | – | – | – | – | – | – | – | – | – | – | 1 | 2 |
| Christchurch Marylebone *H* - W | 32,547 | 13 | 6 | 2 | 3 | – | – | – | – | – | – | – | – | – | – | – | – |
| St. John Marylebone *HHH* W. | 32,611 | 17 | 8 | 3 | 2 | – | – | – | – | 2 | – | – | – | – | – | – | – |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 26 | 20 | 6 | 6 | – | – | 2 | 1 | – | – | 1 | – | 3 | – | 1 | 6 |
| Regent's Park Pancras *HH* - W. | 37,341 | 15 | 12 | 4 | 2 | – | – | – | – | 1 | – | 1 | – | 1 | – | 2 | – |
| Tottenham-court *wHHHH* - N. & W. | 26,757 | 13 | 12 | 1 | 3 | – | – | – | – | – | – | – | – | 1 | – | – | 7 |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 20 | 18 | 6 | 2 | – | – | – | – | 1 | – | – | – | 3 | 1 | 2 | 5 |
| Somers Town *HH* - - - N. | 32,161 | 23 | 13 | 4 | – | – | – | – | – | 1 | – | – | – | 3 | 2 | 4 | 2 |
| Camden Town *WH* - - N. | 16,669 | 11 | 9 | 3 | 2 | – | – | – | – | – | – | – | – | 2 | – | 1 | 6 |
| Kentish Town *WW* - - N. | 98,410 | 65 | 31 | 5 | 7 | – | – | – | – | – | – | – | – | 4 | 1 | 2 | 8 |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 61 | 47 | 16 | 11 | – | 1 | – | – | 1 | – | – | – | 5 | – | – | 18 |
| Islington South-west *H* - N. | 107,365 | 72 | 44 | 17 | 11 | – | – | – | 1 | – | – | – | – | 12 | 1 | 7 | – |
| Islington South-east - - N. | 66,549 | 38 | 23 | 13 | 4 | – | – | – | – | – | – | 1 | – | 8 | – | 1 | – |
| Highbury *HH* - - - N. | 64,577 | 25 | 19 | 6 | 8 | – | – | – | – | 1 | – | – | – | 2 | | – | – |
| Stoke Newington *H* - - N. | 33,485 | 13 | 11 | 5 | 2 | – | – | – | – | – | – | – | – | 2 | – | 1 | – |
| North Hackney - - E. & N. | 213,044 | 29 | 12 | 6 | 4 | – | – | – | – | – | – | – | – | 3 | – | 4 | – |
| Central Hackney *ww* - E. & N. | | 33 | 22 | 7 | 4 | – | – | 1 | 5 | – | – | – | – | 2 | – | – | 5 |
| South-west Hackney *HHH* E. & N. | | 30 | 14 | 9 | 2 | – | – | – | 1 | – | – | – | – | 2 | – | – | 2 |
| South-east Hackney *WwH* E.&N. | | 31 | 28 | 10 | 6 | – | 1 | – | – | – | – | – | – | 5 | 1 | 2 | 12 |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers are received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. The Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River E East London; and K. the Kent Company.

* See note † on first page of this Return.

5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, ARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each UB-DISTRICT during the Week ending Saturday, 1st October, 1898—*continued.*

| GISTRATION SUB-DISTRICTS | Enumerated Population. 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CENTRAL DISTRICTS. | | | | | | | | | | | | | | | | | | |
| orge Bloomsbury - - N. | 16,110 | 6 | 5 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| es South *WH* - - - N. | 12,976 | 15 | 8 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | – | 2 | – |
| es North *H* - - - N. | 9,151 | 10 | 5 | 2 | 1 | – | – | – | – | – | – | – | – | 1 | 1 | 1 | 1 | – |
| rtin-in-the-Fields *HH* N. & C. | 13,077 | 4 | 11 | 2 | 1 | – | – | – | – | – | – | – | – | – | 2 | 5 | 6 | – |
| l *WHH* - - - - N. | 11,839 | 11 | 6 | 4 | 1 | – | – | – | – | – | – | – | – | 1 | 1 | 1 | 1 | – |
| *Union Workhouse, Edmonton* | †1,037 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| rn *wHHHHHH* - N. | 31,042 | 11 | 24 | 5 | 2 | – | – | – | 2 | – | – | – | – | – | – | – | 13 | – |
| nes Clerkenwell - - N. | 15,777 | 11 | 2 | – | – | – | – | – | – | – | – | – | – | 1 | – | – | – | – |
| ll Clerkenwell - - N. | 34,356 | 24 | 15 | 8 | 1 | – | – | – | – | – | – | – | – | 6 | – | 1 | – | – |
| ell-street - - - - N. | 16,069 | 11 | 6 | 3 | 1 | – | – | – | – | – | – | – | – | 2 | 1 | 1 | – | – |
| oad *HHHL* - - - N. | 29,897 | 28 | 12 | 5 | 3 | – | – | – | – | – | – | – | – | 4 | 2 | 2 | 1 | – |
| cross-street - - - N. | 7,595 | 5 | 3 | 1 | – | – | – | – | 1 | – | – | – | – | – | – | – | – | – |
| ury - - - - - N. | 4,035 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| *n Union Workhouse, ham* - - - - | †892 | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| tolph *H* - - N. & E. | 6,870 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| egate - - - - N. | 3,299 | 2 | 1 | 1 | – | – | – | – | – | – | – | – | – | 1 | – | – | – | – |
| oulchre *WH* - - - N. | 9,591 | 1 | 12 | 2 | 3 | – | 1 | – | – | – | – | 1 | – | – | – | 1 | 11 | – |
| dows Barking - - - N. | 9,059 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Street *H* - - - N. | 2,892 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| *London Asylum, Stone* - - | †388 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| EAST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| litch South *Hl* - E. & N. | 17,975 | 10 | 5 | 3 | 2 | – | – | – | – | – | – | – | – | 1 | – | – | 2 | – |
| n New Town *w* - - N. | 29,575 | 18 | 14 | 7 | 4 | – | – | – | – | – | – | – | – | 5 | – | – | 6 | – |
| n Old Town - - - N. | 27,645 | 24 | 12 | 5 | 2 | – | – | – | – | – | – | – | – | 1 | – | 1 | – | – |
| rston *WH* - - N. & E. | 47,163 | 36 | 29 | 7 | 10 | – | – | – | – | – | – | – | – | 1 | 1 | 4 | 13 | – |
| al Green North *H* - E. | 49,301 | 37 | 19 | 7 | 1 | – | – | – | – | – | – | – | – | 1 | – | 2 | 1 | – |
| al Green South - - E. | 34,194 | 18 | 7 | 4 | – | – | – | – | – | – | – | – | – | 1 | – | – | – | – |
| al Green East *WHl* - E. | 45,667 | 24 | 25 | 8 | 6 | – | 3 | – | – | – | – | – | – | 3 | – | 3 | 7 | – |
| fields - - - E. & N. | 26,681 | 19 | 9 | 3 | 1 | – | – | – | – | – | – | – | – | 1 | 1 | 3 | – | – |
| nd New Town *W* - E. | 12,816 | 5 | 9 | 2 | 3 | – | – | – | – | – | – | – | – | 3 | – | 1 | 6 | – |
| chapel Church *H* - E. & N. | 25,561 | 18 | 28 | 4 | 5 | – | – | – | – | – | – | 1 | – | – | 9 | 10 | 23 | – |
| nan's Fields - - - E. | 13,618 | 11 | 6 | 4 | – | – | – | – | – | – | – | – | – | 2 | – | 1 | – | – |
| orge's North - - - E. | 39,576 | 30 | 17 | 10 | 2 | – | – | – | – | – | – | – | – | 3 | – | 1 | – | – |
| n, St. George East *W* E. | 7,930 | 16 | 7 | 2 | – | – | – | – | – | 2 | – | – | – | 1 | 1 | 1 | 4 | – |
| well *H* - - - E. & N. | 10,434 | 8 | 14 | 10 | – | – | – | – | – | – | – | – | – | 7 | 1 | 2 | 12 | – |
| *W* - - - - E. | 14,954 | 10 | 7 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| ouse - - - - E. | 32,917 | 26 | 10 | 5 | 2 | – | – | – | – | – | – | – | – | 1 | – | 2 | – | – |
| nd Old Town West *H* E. | 111,060 | 41 | 21 | 13 | 2 | – | – | – | – | – | – | – | – | 6 | – | 2 | – | – |
| nd Old Town East *ww* - E. | | 33 | 20 | 9 | 3 | – | 1 | – | 1 | – | – | – | – | 6 | – | 1 | 2 | – |
| l - - - - E. | 41,687 | 26 | 16 | 7 | 3 | – | – | – | – | – | – | – | – | 1 | – | 1 | 2 | – |
| ey *wwwH* - - - E. | 69,821 | 55 | 42 | 12 | 12 | – | – | – | 1 | – | – | – | – | 3 | 3 | 7 | 21 | – |
| *WW* - - - - E. | 57,759 | 33 | 14 | 5 | 2 | – | – | – | – | – | – | – | – | 1 | 1 | 3 | 1 | – |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX MEASL SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in e SUB-DISTRICT during the Week ending Saturday, 1st October, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WHL*.&S. | 13,064 | 5 | 4 | 3 | – | – | – | – | – | – | – | – | – | 1 | – | – | – |
| St. Saviour Southwark - - S. | 12,301 | 7 | 4 | 3 | – | – | – | – | – | – | – | – | – | 2 | – | – | – |
| Kent-road - - - - S. & L. | 22,879 | 10 | 8 | 4 | 2 | – | – | – | – | – | – | – | – | 2 | – | 1 | – |
| Borough-road *WH* - S. & L. | 16,083 | 19 | 13 | 5 | 1 | – | – | 1 | – | – | – | – | – | 2 | – | 1 | – |
| London-road *HL* - - L. & S. | 21,316 | 11 | 9 | 5 | 1 | – | – | – | – | 1 | – | – | – | 1 | – | – | 1 |
| Trinity Newington - - S. & L. | 28,723 | 17 | 8 | 3 | 1 | – | – | – | – | – | – | – | – | 2 | – | – | – |
| St. Peter Walworth *W* - S. & L. | 62,045 | 43 | 24 | 13 | 3 | – | – | – | – | 1 | – | – | – | 7 | 1 | 1 | 1 |
| St. Mary Newington- - L. & S. | 30,171 | 15 | 9 | 4 | 2 | – | – | – | – | – | – | – | – | 2 | 1 | 1 | – |
| St. Olave *WH*- - - - S. | 11,731 | 6 | 17 | 2 | 1 | – | – | – | – | – | – | – | – | 1 | 2 | 2 | 14 |
| Bermondsey* *W* - - - S. | 85,475 | 50 | 19 | 7 | 3 | – | – | – | 1 | – | – | – | – | 2 | 3 | 3 | – |
| Rotherhithe *WwH* - S. & K. | 40,379 | 15 | 18 | 9 | 2 | – | – | – | – | – | – | – | – | 1 | – | 1 | 3 |
| Waterloo-road *HH* - L. & S. | 28,396 | 32 | 13 | 3 | – | – | – | – | – | 1 | – | – | – | 2 | – | 1 | 3 |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 17 | 16 | 7 | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 | 11 |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 33 | 24 | 7 | 9 | – | – | – | – | – | – | – | – | 4 | – | – | 13 |
| Kennington 1st *H* - - S. & L. | 52,486 | 40 | 15 | 6 | 2 | – | – | – | – | 1 | – | – | – | 3 | – | – | – |
| Kennington 2nd - - S. & L. | 43,244 | 22 | 17 | 8 | 3 | – | – | – | – | 1 | – | – | – | 4 | – | 1 | – |
| Brixton *w* - - - L. & S. | 81,825 | 45 | 27 | 16 | 3 | – | – | – | – | – | – | – | – | 5 | 1 | 3 | – |
| Norwood *WH*- - - - L. | 29,318 | 14 | 7 | – | 2 | – | – | – | – | – | – | – | – | – | – | 1 | – |
| East Battersea - - - - S. | 71,730 | 40 | 21 | 6 | 3 | – | – | – | – | 1 | – | – | – | 1 | 1 | 2 | – |
| West Battersea *WwH* - - S. | 93,385 | 44 | 34 | 8 | 10 | – | – | – | 2 | 1 | – | – | – | 2 | 4 | 4 | 11 |
| Clapham *H* - - - - S. | 46,953 | 28 | 11 | 6 | 3 | – | 2 | – | – | – | – | – | – | 3 | – | – | – |
| Wandsworth *WHHL* - - S. | 58,101 | 45 | 15 | 8 | 1 | – | – | – | – | 2 | – | – | – | 4 | – | 1 | 1 |
| Putney - - - - - S. | 20,566 | 13 | 4 | 3 | – | – | – | – | – | – | – | – | – | 1 | – | – | – |
| Streatham *WwwwL* - - L. | 61,644 | 26 | 17 | 6 | 3 | – | – | – | 5 | – | – | – | – | 2 | 1 | 1 | 6 |
| Dulwich - - - - L. & S. | 7,519 | 2 | 3 | 1 | 1 | – | – | – | – | – | – | – | – | 1 | – | – | – |
| Camberwell *Wwll* - S. & L. | 90,286 | 45 | 59 | 15 | 14 | – | – | – | – | 2 | – | 2 | – | 6 | 1 | 3 | 29 |
| Peckham *WW* - S., L., & K. | 88,242 | 63 | 30 | 14 | 5 | – | – | – | – | – | – | – | – | 4 | 1 | 1 | – |
| St. George Camberwell - L. & S. | 67,029 | 45 | 15 | 7 | – | – | – | – | – | 1 | – | – | – | 2 | 1 | 1 | – |
| Deptford North - - - K. | 36,152 | 36 | 10 | 8 | 2 | – | – | – | – | – | – | – | – | 1 | – | – | – |
| Deptford Central *w* - - K. | 45,441 | 28 | 22 | 8 | 3 | – | – | 1 | 3 | 1 | – | – | – | 4 | – | – | 4 |
| Deptford South - - - K. | 33,402 | 9 | 7 | 4 | 1 | – | – | – | – | – | – | – | – | 1 | – | – | – |
| Greenwich West *H* - - K. | 23,012 | 14 | 10 | 7 | 1 | – | – | – | – | – | – | – | – | 4 | – | – | – |
| Greenwich East *WH* - - K. | 37,767 | 20 | 28 | 10 | 8 | – | – | – | – | 2 | – | 1 | – | 3 | 2 | 2 | 10 |
| Eltham *wH* - - - - K. | 5,911 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | 1 | – | – | 1 |
| Lee *H* - - - - - K. | 24,222 | 14 | 3 | 1 | – | – | – | – | – | – | – | – | – | 1 | – | – | – |
| Lewisham *WwH* - - - K. | 38,139 | 26 | 22 | 7 | 11 | – | – | 1 | 1 | – | – | – | – | 6 | – | – | 12 |
| Sydenham *H* - - - - L. | 37,601 | 19 | 15 | 4 | 2 | – | 1 | 1 | – | 2 | – | – | – | 3 | – | – | 1 |
| Charlton *wHH* - - K. | 15,928 | 10 | 10 | 3 | – | – | – | 1 | 3 | – | – | – | – | 1 | 2 | 2 | 6 |
| Woolwich Dockyard - - K. | 19,355 | 11 | 7 | 3 | 1 | – | – | – | – | 1 | – | – | – | 1 | – | 1 | – |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 12 | 5 | – | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 | 1 |
| Plumstead West *H* - - K. | 16,714 | 13 | 4 | 3 | 1 | – | – | – | – | – | – | – | – | 1 | – | – | – |
| Plumstead East *WH* - - K. | 42,538 | 29 | 13 | 7 | 4 | – | – | – | – | – | – | – | – | 3 | – | – | 2 |
| Banstead Asylum - - - - | — | – | 4 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 4 |
| Caterham Asylum - - - - | — | – | 3 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 3 |
| Cane Hill Asylum - - - - | — | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | 2 |
| Hospital Ships and Camp, Dartford | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Darenth Asylum - - - - | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | 1 |
| Hanwell Asylum - - - - | — | – | 3 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 3 |
| Colney Hatch Asylum - | — | – | 4 | – | 2 | – | – | – | – | – | – | – | – | – | – | 1 | 4 |
| N.E. Hospital - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Winchmore Hill Hospital - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Leavesden Asylum - - - - | — | – | 3 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 3 |
| Claybury Asylum - - - - | — | – | 4 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 4 |

* The two Sub-Districts of Leather Market and St. James Bermondsey were united on 1st September, and called Bermondsey.

LE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 1st October, 1898.

| Dis-trict and Sub-District Nos. | REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years & upwds. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LONDON—OUTER RING - | 368,749 | 1,422,063 | 963 | 601 | 260 | 107 | – | 3 | 2 | 17 | 11 | 6 | 111 | 13 | 31 | 54 | 5 |
| :1 | Carshalton *wHH* - - | 12,228 | 26,108 | 20 | 8 | 4 | 1 | – | – | – | – | – | – | – | – | 1 | – | – |
| 2 | Epsom, *part of** *WwHH* - | 10,423 | 12,508 | 5 | 5 | 2 | – | – | – | – | – | – | – | 2 | – | – | 1 | – |
| :1 | Godstone, *part of** *W* - | 2,754 | 1,598 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| :1 | Croydon *WwHHH* - - | 20,851 | 128,699 | 70 | 39 | 20 | 9 | – | – | – | 1 | 1 | – | 5 | – | – | 2 | – |
| 2 | Mitcham *w* - - - | 11,697 | 23,088 | 17 | 15 | 10 | 1 | – | 1 | – | – | – | – | 4 | – | 1 | 1 | – |
| :1 | Wimbledon *HHH* - - | 3,220 | 25,761 | 24 | 7 | 3 | 2 | – | – | – | – | – | – | 1 | – | – | 1 | – |
| 2 | Kingston *W* - - - | } 14,672 | 33,566 | 21 | 14 | 5 | 2 | – | – | – | – | – | – | 1 | – | – | 4 | – |
| 3 | Surbiton *H*- - - - | | 12,178 | 17 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 4 | Esher, *part of** *HH* - - | | 11,080 | 10 | 5 | 4 | – | – | – | 1 | – | – | – | 3 | – | – | – | – |
| 5 | Hampton *HL* - - - | 4,565 | 18,252 | 6 | 5 | 3 | – | – | – | – | – | – | – | 1 | – | – | – | – |
| :1 | Richmond *WH*- - - - | 2,160 | 25,389 | 9 | 14 | 3 | 6 | – | – | – | – | – | – | – | 1 | 1 | 2 | – |
| 2 | Mortlake *H* - - - | 2,823 | 16,159 | 11 | 3 | – | 1 | – | – | – | – | – | 1 | – | – | – | – | – |
| :1 | Bromley *HHH* - - - | 9,127 | 23,815 | 11 | 8 | – | 4 | – | – | – | 1 | – | 1 | – | – | – | 2 | – |
| 2 | Beckenham *H* - - - | 6,542 | 21,969 | 12 | 5 | 1 | 2 | – | – | – | 1 | – | – | – | – | – | 1 | 1 |
| 3 | Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 6 | 11 | 5 | 1 | – | – | – | – | – | – | 1 | – | – | 1 | – |
| :1 | Bexley *HHH* - - - | 12,540 | 30,590 | 23 | 10 | 8 | – | – | – | – | – | – | – | 4 | – | – | – | 1 |
| 2 | Dartford *WH, part of** - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| :1 | Sunbury *w* - - - | 11,054 | 13,671 | 12 | 4 | – | 1 | – | 1 | – | – | – | – | – | 1 | 1 | – | – |
| 2 | Staines *WH* - - - | 13,277 | 13,221 | 7 | 8 | 3 | 3 | – | – | – | – | 1 | – | – | – | – | 2 | – |
| :1 | Hillingdon *WHH* - - | 6,035 | 12,237 | 3 | 7 | 2 | 1 | – | – | – | 1 | – | – | – | 1 | 2 | 2 | – |
| 2 | Uxbridge - - - - | 12,757 | 7,253 | 2 | 4 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Hayes *wH*- - - - | 7,952 | 11,051 | 8 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| :1 | Isleworth *WHH* - - | 6,967 | 26,004 | 11 | 14 | 5 | 2 | – | – | – | 2 | – | – | 1 | – | 1 | 2 | – |
| 2 | Twickenham *HH* - - | 2,415 | 16,027 | 12 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Brentford *HHHH* - - | 4,318 | 37,777 | 13 | 9 | 6 | 2 | – | – | – | – | – | – | 3 | – | – | 1 | – |
| 4 | Chiswick - - - - | 1,245 | 21,963 | 24 | 8 | 6 | 2 | – | – | – | – | – | – | 1 | – | 1 | – | – |
| 5 | Acton *wHH* - - - | 6,132 | 30,945 | 16 | 14 | 6 | 1 | – | – | – | – | 1 | – | 3 | – | – | – | – |
| 1 | Harrow *HHH* - - - | 13,809 | 15,715 | 10 | 8 | 1 | 3 | – | – | – | – | – | – | 3 | 1 | 2 | – | – |
| 2 | Edgware *HH* - - - | 6,994 | 3,844 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Willesden *HHH* - - | 4,383 | 61,265 | 60 | 18 | 8 | 1 | – | – | – | 1 | – | – | 6 | – | 1 | – | – |
| 4 | Hendon *WH* - - - | 8,382 | 15,843 | 15 | 8 | 3 | 1 | – | – | – | – | 1 | – | 1 | – | – | 2 | – |
| 1 | South Mimms *HH* - - | } 21,077 | 6,367 | 2 | 5 | 3 | – | – | – | – | – | – | – | 2 | – | – | – | – |
| 2 | Barnet *WHH* - - - | | 14,152 | 8 | 5 | 2 | 2 | – | – | – | – | – | – | 1 | – | – | 1 | – |
| 3 | Finchley *HHH*- - - | 4,688 | 25,820 | 9 | 8 | 4 | 2 | – | – | – | – | – | – | 1 | – | 1 | – | – |
| 1 | Hornsey *HH* - - - | 3,039 | 61,097 | 39 | 20 | 7 | 3 | – | – | – | 1 | – | 1 | 3 | – | – | 2 | – |
| 2 | Tottenham *HH*- - - | 4,642 | 97,174 | 51 | 49 | 25 | 8 | – | – | – | 2 | 1 | – | 14 | 2 | 6 | 2 | – |
| 3 | Edmonton *Www* - - | 7,489 | 36,351 | 35 | 24 | 12 | 5 | – | – | – | – | 1 | – | 6 | 1 | 3 | 2 | 1 |
| 4 | Enfield *WWHH* - - | 12,602 | 31,536 | 20 | 14 | 3 | 6 | – | – | – | – | – | – | 3 | – | – | 1 | 1 |
| 5 | Waltham Abbey - - - | 11,017 | 6,066 | 2 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| 6 | Cheshunt *H* - - - | 8,480 | 9,620 | 9 | 6 | 4 | 1 | – | – | – | – | – | – | 2 | 1 | 1 | – | – |
| 1 | Hatfield, *part of** *W*- - | 3,306 | 582 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Bushey *H* - - - - | 9,331 | 7,737 | 4 | 2 | – | 2 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Watford *WH, part of** - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Stratford *H* - - - | } 4,706 | 38,612 | 39 | 16 | 8 | 2 | – | – | – | – | – | – | 4 | 2 | 3 | 2 | – |
| 2 | Plaistow *WHHH* - - | | 53,030 | 53 | 31 | 10 | 3 | – | 1 | – | 1 | – | 2 | 2 | – | – | 2 | 1 |
| 3 | Canning Town *H* - - | | 54,750 | 47 | 27 | 13 | 2 | – | – | – | 1 | 1 | – | 7 | – | – | – | – |
| 4 | Forest Gate *w* - - - | | 53,511 | 23 | 9 | 4 | 1 | – | – | – | – | 1 | – | – | – | – | – | – |
| 5 | East Ham *wH*- - - | 3,266 | 32,713 | 40 | 32 | 16 | 2 | – | – | 1 | 2 | 1 | – | 9 | 1 | 1 | – | – |
| 6 | Leyton *WWWwH* - - | 4,334 | 70,188 | 42 | 40 | 13 | 11 | – | – | – | 2 | – | 1 | 7 | – | 1 | 11 | – |
| 7 | Walthamstow *HHL*- - | 6,501 | 57,330 | 48 | 30 | 14 | 4 | – | – | – | – | 2 | – | 3 | 2 | 4 | 2 | – |
| 1 | Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 9 | 5 | 3 | – | – | – | – | – | – | – | 1 | – | – | 1 | – |
| 2 | Epping *WH, part of** - - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 1 | Romford, *part of** *WH* - | 6,556 | 4,324 | 2 | 5 | 1 | 2 | – | – | – | – | – | – | 1 | – | – | 1 | – |
| 2 | Ilford - - - - - | 8,493 | 10,913 | 8 | 3 | 1 | 1 | – | – | – | – | – | – | 1 | – | – | – | – |
| 3 | Barking Town, *H* - - | 3,814 | 14,301 | 17 | 10 | 5 | 1 | – | – | – | – | – | – | 4 | – | – | – | – |
| | Middlesex Co. Lunatic Asy., Wandsworth. | — | — | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | 1 | – |
| | S.E. Fever Hosp., Deptford | — | — | – | 1 | – | – | – | – | – | 1 | – | – | – | – | – | 1 | – |
| | London Co. Lunatic Asy., Cane Hill. | — | — | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | 1 | – |

The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring as follows:—30: 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37: 1, the parishes of Warlingham Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst -district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in field sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping p. 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for ctious Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford; and 187: 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 1st October, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | ANNUAL RATE of MORTALITY per 1000 living. From All Causes. | From Diseases in Cols. 8-14. | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Deaths in Public |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. | |
| GREATER LONDON | **443,421** | **6,408,321** | **18·7** | **4·0** | **2301** | **879** | **439** | **–** | **13** | **12** | **50** | **40** | **15** | **358** | **79** | **5** |
| INNER LONDON - | 74,672 | 4,504,766 | 19·7 | 3·9 | 1700 | 619 | 332 | – | 10 | 10 | 33 | 29 | 9 | 247 | 66 | 4 |
| OUTER RING - | 368,749 | 1,903,555 | 16·5 | 4·1 | 601 | 260 | 107 | – | 3 | 2 | 17 | 11 | 6 | 111 | 13 | |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent t the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

| CITIES. | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. (Exclusive of Stillborn) | DEATHS. (Exclusive of Stillborn) | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM PRINCIPAL ZYMOTIC DISEASES. Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 295,628 | October 1 | 144 | 103 | 18·2 | – | 1 | – | 3 | 4 | – | |
| GLASGOW - - | 724,349 | „ 1 | 413 | 245 | 17·6 | – | 1 | 6 | 1 | 10 | 6 | |
| DUBLIN - - | 349,594 | „ 1 | 230 | 165 | 24·6 | – | – | 1 | – | 5 | 5 | |
| CALCUTTA - - | 466,460 | August 27 | – | 200 | 22·3 | 1 | – | – | 1 | – | 60† | |
| BOMBAY - - | 821,764 | September 13 | 237 | 781 | 49·4 | 2 | 2 | ? | ? | ? | 256† | |
| MADRAS - - | 452,518 | „ 2 | 431 | 541 | 62·1 | 1 | 15 | ? | ? | ? | 185 | 1 |
| PARIS - - - | 2,511,629 | „ 24 | 1039 | 832 | 17·2 | – | 2 | 1 | 1* | 12 | 7 | 1 |
| BRUSSELS - - | 531,024 | „ 24 | 236 | 180 | 17·0 | – | – | 3 | 2* | 4 | 2 | |
| AMSTERDAM - | 508,266 | „ 17 | 290 | 197 | 20·2 | – | 2 | – | 1 | 2 | 2 | |
| ROTTERDAM - | 301,816 | „ 17 | 224 | 103 | 17·5 | – | – | – | – | 5 | 1 | |
| THE HAGUE - | 196,325 | „ 17 | 114 | 90 | 23·8 | – | – | – | 2 | 2 | – | |
| COPENHAGEN - | 340,500 | „ 24 | 212 | 131 | 20·0 | – | – | 1 | 1 | 5 | 1 | |
| STOCKHOLM - | 274,611 | „ 17 | 155 | 89 | 16·3 | – | – | – | 5* | 2 | – | |
| CHRISTIANIA - | 192,141 | „ 24 | – | 64 | 16·4 | – | 2 | 1 | 1 | – | – | |
| ST. PETERSBURG | 954,400 | „ 24 | 578 | 528 | 28·8 | 3 | 2 | 12 | 20 | 15 | 23 | |
| MOSCOW - - | 988,610 | „ 17 | – | 569 | 30·0 | 3 | 5 | 5 | 11 | 5 | 10 | 1 |
| BERLIN - - | 1,753,775 | „ 10 | 915 | 796 | 23·4 | – | 1 | 6 | 12 | 13 | – | 2 |
| HAMBURG - - | 661,015 | „ 24 | – | 340 | 26·7 | – | – | 2 | 2* | 6 | – | 1 |
| DRESDEN - - | 377,500 | August 27 | – | – | – | – | – | – | – | – | – | |
| BRESLAU - - | 392,795 | September 24 | – | 150 | 19·9 | – | – | 1 | 1 | 2 | – | |
| MUNICH - - | 430,000 | „ 24 | – | 253 | 30·6 | – | – | 3 | 4* | 4 | – | 1 |
| VIENNA - - | 1,574,129 | „ 24 | 916 | 542 | 17·7 | – | 1 | – | 7* | 4 | 4 | 1 |
| PRAGUE - - | 377,109 | „ 24 | 205 | 146 | 19·9 | – | – | 4 | 3 | – | – | |
| BUDA-PESTH - | 648,104 | „ 17 | 372 | 265 | 20·5 | – | 3 | 8 | 4 | – | 3 | |
| TRIESTE - - | 164,491 | „ 17 | 96 | 93 | 29·3 | – | – | 2 | 3* | 2 | – | |
| ROME - - - | 489,965 | „ 3 | 232 | 133 | 14·2 | – | – | – | – | 1 | 11§ | |
| TURIN (10 days) | 344,203 | „ 10 | – | – | – | – | – | – | – | – | – | |
| VENICE - - | 167,074 | „ 17 | 62 | 67 | 20·9 | – | – | – | 1* | 3 | 3 | |
| CAIRO - - | 570,062 | July 8 | – | – | – | – | – | – | – | – | – | |
| ALEXANDRIA - | 319,766 | „ 8 | – | – | – | – | – | – | – | – | – | |
| NEW YORK (including BROOKLYN) | 3,433,899 | September 10 | 1457 | 1978 | 30·0 | – | 5 | 4 | 13 | 10 | 49 | 2 |
| PHILADELPHIA - | 1,240,266 | „ 3 | – | 413 | 17·4 | – | – | 2 | 10 | 6 | 13 | |

* Including deaths from croup.
† Including 4 deaths from plague in Calcutta and 175 in Bombay.
‡ Including 4 deaths from cholera in Calcutta, 1 in Bombay, and 63 in Madras.
§ Including 6 deaths from malarial fever.

| 1898. Month and Day | Phases of the Moon. | Mean daily reading (corrected and reduced to 32° Fahrenheit). | Of the Air. High-est. | Of the Air. Low-est | Of the Air. Daily Range. | Of the Air. Mean daily value. | Of the Air. De-parture from Average of 50 years. | Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Great-est. | Least. | Degree of Humidity (Satiration equals 100). | Of Radiation. Highest in Sun's Rays. | Of Radiation. Lowest on the Grass. | Of the Earth 3 feet below the Surface. | Wind as deduced from Anemometers. Osler's. General Direction. A.M. | P.M. | Pressure on the Square Foot. Great-est. | Least. | Mean of 24 hourly obs. | Robinson's. Horizontal Movement of the Air on each Day. | Departure from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| September | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| Sunday - 25 | Perigee | 29·890 | 62·1 | 45·6 | 16·5 | 53·2 | - 1·8 | 42·0 | 11·2 | 17·9 | 4·1 | 66 | 123·0 | 39·3 | 61·93 | NNE. & NE. | NE. & ENE. | 1·4 | 0·0 | 0·0 | 177 | - 80 | 0·00 | 0·0 |
| Monday - 26 | .. | 29·841 | 66·1 | 39·9 | 26·2 | 52·9 | - 2·0 | 42·9 | 10·0 | 18·5 | 3·2 | 69 | 132·5 | 33·3 | 61·60 | ENE. & Calm. | E. & ESE. | 3·1 | 0·0 | 0·1 | 149 | -107 | 0·00 | 0·0 |
| Tuesday - 27 | .. | 29·582 | 65·7 | 41·2 | 24·5 | 54·1 | - 0·8 | 45·4 | 8·7 | 19·4 | 1·4 | 73 | 119·2 | 35·0 | 61·19 | ENE., ESE & SE. | S., SW. & NW. | 3·6 | 0·0 | 0·1 | 189 | - 66 | 0·00 | 0·0 |
| Wednesday 28 | In Equator | 29·795 | 64·5 | 43·7 | 20·8 | 52·0 | - 2·8 | 40·5 | 11·5 | 22·1 | 2·9 | 65 | 116·1 | 35·7 | 60·70 | NW., W. & WSW | NW., W. & SW. | 2·4 | 0·0 | 0·1 | 279 | + 25 | 0·00 | 0·0 |
| Thursday - 29 | Full | 29·702 | 65·3 | 40·2 | 25·1 | 53·8 | - 0·8 | 43·9 | 9·9 | 18·7 | 2·2 | 69 | 121·6 | 32·8 | 60·40 | SW. SSW. & S. | SSW., S. & SSE. | 4·2 | 0·0 | 0·4 | 294 | + 41 | 0·02 | 1·2 |
| Friday - 30 | .. | 29·670 | 57·7 | 46·2 | 11·5 | 51·5 | - 2·9 | 47·8 | 3·7 | 9·9 | 0·6 | 87 | 77·3 | 40·0 | 59·85 | SSE., SE. & E. | E., NE. & NNE. | 3·7 | 0·0 | 0·4 | 273 | + 21 | 0·14 | 3·8 |
| October Saturday - 1 | .. | 30·112 | 65·0 | 40·8 | 24·2 | 53·1 | - 1·0 | 44·9 | 8·2 | 18·0 | 1·4 | 74 | 114·0 | 34·9 | 59·62 | NNE. & N. | NE. & SE. | 1·3 | 0·0 | 0·0 | 126 | - 131 | 0·00 | 0·0 |
| Means - - | | 29·799 | 63·8 | 42·5 | 21·3 | 52·9 | - 1·7 | 43·9 | 9·0 | 17·8 | 2·3 | 72 | 114·8 | 35·9 | 60·76 | Variable | | .. | .. | .. | Sum 1481 | Sum -297 | Sum 0·16 | 0·7 |
| No. of Column - | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| Date. September | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | General Remarks. |
|---|---|---|---|---|
| Sunday - 25 | w. P. till 5h. P.M.; m. P. afterwards. | 7·4 | 12·0 | Overcast in early morning; fine and partially cloudy till 10h. A.M.; cloudless with slight exceptions afterwards. |
| Monday - 26 | w. P. generally till 5h. P.M.; m. P. afterwards. | 8·8 | 11·9 | A very fine day. Cloudless in morning and at night. |
| Tuesday - 27 | m. P. generally - | 2·9 | 11·8 | Fine and partially cloudy till noon with fog in morning; generally overcast till 10h. P.M. with occasional slight showers; fine afterwards. Solar halo observed in forenoon. |
| Wednesday 28 | w. P. generally till 8h. A.M.; m. P. afterwards. | 9·1 | 11·8 | Generally cloudless. A very fine day. |
| Thursday - 29 | m. P. till noon; w. P. generally afterwards. | 6·3 | 11·7 | Very fine till noon; partially cloudy till 3h. P.M.; cloudy afterwards with frequent slight rain after 7h. 30m. P.M. |
| Friday - 30 | w. P. and v. N. till 7h. A.M.; w. P. till 3h. P.M.; m. P. afterwards. | 0·0 | 11·6 | Overcast till 5h. P.M. with frequent showers in morning; very fine and cloudless afterwards. |
| October Saturday - 1 | m. P. generally - | 7·9 | 11·6 | Very fine with small amounts of light cloud throughout. Fog in morning and at night. Partial lunar halo at 8h. 30m. P.M. |
| | | Sum 42·4 | Sum 82·4 | |
| No. of Col. - - | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased from 29·92 in. at the beginning of the week to 29·53 in. by 6h. P.M. on September 27th; increased to 29·86 in. by 11h. P.M. on the 28th; decreased to 29·42 in. by 4h. A.M. on the 30th; and increased to 30·17 in. by the end of the week.

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1898.

OFFICIAL COPY.

# WEEKLY RETURN

OF

# BIRTHS AND DEATHS IN LONDON

AND IN

## THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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No. 40. 1898. Vol. LIX.] Week ending Saturday, Oct. 8. [Price 1½*d.*

*General Register Office, Somerset House,*
*October 10th,* 1898.

### Thirty-three Great Towns.

The deaths registered last week in Thirty-three Great Towns of England and Wales corresponded to an annual rate of 20·5 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| Towns. | Weeks ending Sept. 17. | Sept. 24. | Oct. 1. | Oct. 8. |
|---|---|---|---|---|
| 33 Great Towns | 24·0 | 23·6 | 21·8 | 20·5 |
| Birkenhead - | 20·3 | 23·5 | 19·3 | 18·0 |
| Birmingham - | 20·9 | 22·6 | 23·9 | 19·9 |
| Blackburn - | 30·5 | 23·9 | 19·6 | 19·6 |
| Bolton - - | 37·0 | 29·4 | 23·4 | 21·7 |
| Bradford - | 24·3 | 21·9 | 21·6 | 19·6 |
| Brighton - | 26·9 | 24·3 | 22·6 | 14·9 |
| Bristol - | 19·4 | 22·2 | 17·6 | 17·6 |
| Burnley - | 30·5 | 25·2 | 19·5 | 20·5 |
| Cardiff - - | 22·0 | 21·1 | 15·5 | 12·6 |
| Croydon - | 16·3 | 21·8 | 13·8 | 12·2 |
| Derby - - | 20·9 | 18·9 | 20·9 | 18·9 |
| Gateshead - | 37·2 | 38·7 | 33·7 | 23·1 |
| Halifax - | 18·9 | 18·9 | 24·3 | 20·5 |
| Huddersfield - | 27·0 | 20·4 | 17·3 | 17·3 |
| Hull - - | 30·6 | 31·5 | 28·8 | 24·3 |
| Leeds - - | 24·0 | 20·4 | 19·9 | 18·6 |
| Leicester - - | 23·0 | 18·5 | 16·5 | 18·5 |
| Liverpool - - | 29·6 | 29·0 | 28·5 | 29·0 |
| London - - - | 21·2 | 21·6 | 19·7 | 18·8 |
| Manchester - - | 31·0 | 32·4 | 28·1 | 25·7 |
| Newcastle-on-Tyne | 30·9 | 28·5 | 26·4 | 24·3 |
| Norwich - - | 28·9 | 26·1 | 25·7 | 27·5 |
| Nottingham - - | 25·2 | 23·8 | 20·8 | 16·1 |
| Oldham - - | 20·4 | 21·8 | 20·0 | 24·3 |
| Plymouth - - | 22·1 | 19·5 | 21·0 | 23·1 |
| Portsmouth - - | 16·5 | 15·9 | 19·0 | 15·6 |
| Preston - - | 24·2 | 23·3 | 22·9 | 24·2 |
| Salford - - - | 34·8 | 35·8 | 35·5 | 27·6 |
| Sheffield - - | 29·3 | 26·0 | 25·5 | 24·9 |
| Sunderland - - | 40·6 | 37·0 | 32·3 | 30·4 |
| Swansea - - | 15·8 | 16·4 | 17·9 | 19·4 |
| West Ham - - | 15·1 | 16·2 | 16·4 | 17·8 |
| Wolverhampton - | 33·2 | 26·1 | 23·7 | 24·3 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·0 in Gateshead, and 2·8 in Norwich; from *fever*," 1·0 in Leeds, 1·6 in Newcastle-on-Tyne, and 2·5 in Sunderland; and from *diarrhœa*, 3·0 in Wolverhampton, 3·2 in Leicester and in Liverpool, 3·6 in Preston, 3·7 in Sheffield, 4·1 in Swansea, 4·2 in Manchester, 4·3 in Sunderland, 4·7 in Blackburn, 4·8 in Salford and in Hull, 5·1 in Norwich, 6·0 in Gateshead, and 7·1 in Burnley. In none of the thirty-three towns did the death-rate from *scarlet fever* or from *whooping-cough* reach 1·0 per 1000. The 70 deaths from *diphtheria* included 34 in London, 5 in West Ham, 5 in Swansea, 4 in Leeds, 4 in Sheffield, 3 in Portsmouth, 3 in Birmingham, and 3 in Leicester. No death from *small-pox* was registered in any of the thirty-three towns.

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

## London.

In London* 2554 births and 1620 deaths were registered. Allowing for increase of population, the births were 79 below, and the deaths 189 above, the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 21·2, 21·6, and 19·7 in the preceding three weeks, further fell last week to 18·8. During the four weeks ending on Saturday last the death-rate averaged 20·3 per 1000, being 4·0 per 1000 above the mean rate in the corresponding periods of the ten years 1888–97.

The 1620 deaths included 7 from measles, 7 from scarlet fever, 34 from diphtheria, 18 from whooping-cough, 6 from enteric fever, 138 from diarrhœa and dysentery, 1 from choleraic diarrhœa, and not one death from small-pox, from typhus, or from any ill-defined form of continued fever; thus, 211 deaths were referred to these diseases, being 17 above the corrected average weekly number.

The deaths from *measles*, which had been 8, 12, and 10 in the preceding three weeks, further fell last week to 7, and were 12 below the corrected average. The deaths from *scarlet fever*, which had been 3, 9, and 10 in the preceding three weeks, fell again last week to 7, and were 17 below the corrected average. The deaths from *diphtheria*, which had been 29, 29, and 33 in the preceding three weeks, further rose last week to 34, but were 18 below the corrected average; 4 cases belonged to Islington, 3 to Limehouse, and 3 to Wandsworth sanitary areas. The deaths from *whooping-cough*, which had been 25, 31, and 29 in the preceding three weeks, further fell last week to 18, and were equal to the corrected average. The fatal cases of *enteric fever*, which had been 7, 9, and 9 in the preceding three weeks, fell again last week to 6, and were 11 below the corrected average. The deaths from *diarrhœa*, which had been 397, 347, and 247 in the preceding three weeks, further fell last week to 138, but were 76 above the corrected average. The deaths referred to diseases of the respiratory organs, which had been 135, 157, and 200 in the preceding three weeks, further rose last week to 226, and were 7 above the corrected average. The deaths attributed directly to *influenza* numbered 4, having been 4, 4, and 5 in the preceding three weeks.

Different forms of violence caused 76 deaths, concerning all but 3 of which inquests were held. Of these 76 deaths, 13 were cases of suicide, and 1 of homicide, while the remaining 62 were attributed to accident or negligence. Eight of these were referred to vehicles in the streets, and 14 (of infants under one year of age) to suffocation in bed.

## Cases of Infectious Sickness in Hospitals.†

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2606 cases of scarlet fever, 1052 of diphtheria, and 176 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 358 cases, against 242, 288, and 300; of diphtheria, 180 cases, against 158, 155, and 197; and of enteric fever, 35 cases, against 24, 26, and 36.

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* Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

† The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.

## Deaths of Persons belonging to London and its Sanitary Areas, Registered in the 13 weeks ending 1st October, 1898.

| Sanitary Areas. | Total Deaths from all Causes | Deaths from Principal Zymotic Diseases. | | | | | | | | | Deaths from Phthisis. | Deaths of Infants under 1 Year of Age. | Deaths under 1 Year to 1000 Births registered. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping cough. | Typhus. | Enteric Fever. | Simple and undefined Fever. | Diarrhœa. | | | |
| REGISTRATION LONDON | 21,277 | - | 236 | 108 | 356 | 430 | - | 113 | 3 | 3,572 | 1,691 | 8,583 | 259 |
| **West.** | | | | | | | | | | | | | |
| Paddington | 494 | - | 7 | 2 | 16 | 6 | - | 1 | - | 72 | 35 | 187 | 257 |
| Kensington | 673 | - | 4 | 4 | 2 | 17 | - | 1 | - | 91 | 48 | 252 | 270 |
| Hammersmith | 525 | - | 5 | 5 | 8 | 8 | - | 2 | - | 105 | 42 | 223 | 293 |
| Fulham | 646 | - | 3 | 3 | 12 | 7 | - | 3 | 1 | 158 | 43 | 320 | 278 |
| Chelsea | 422 | - | - | 4 | 9 | 9 | - | 4 | - | 60 | 35 | 166 | 290 |
| St. George Hanover Square | 238 | - | 1 | 1 | 2 | 2 | - | 2 | - | 22 | 25 | 50 | 145 |
| St. Margt & St. John Westr. | 256 | - | - | - | 4 | 6 | - | 1 | - | 24 | 31 | 68 | 238 |
| St. James Westminster | 98 | - | 1 | 2 | 1 | 1 | - | - | - | 6 | 11 | 21 | 186 |
| **North.** | | | | | | | | | | | | | |
| St. Marylebone | 554 | - | 6 | 4 | 8 | 7 | - | 3 | - | 54 | 43 | 178 | 176 |
| Hampstead | 208 | - | 1 | - | 5 | - | - | 1 | 1 | 18 | 16 | 70 | 184 |
| St. Pancras | 1,239 | - | 10 | 15 | 12 | 27 | - | 8 | - | 175 | 110 | 496 | 295 |
| Islington | 1,441 | - | 28 | 5 | 12 | 26 | - | 11 | - | 245 | 107 | 554 | 225 |
| Stoke Newington | 127 | - | - | - | - | - | - | 1 | - | 23 | 10 | 35 | 164 |
| Hackney | 953 | - | 10 | 4 | 16 | 11 | - | 10 | - | 160 | 65 | 403 | 247 |
| **Central.** | | | | | | | | | | | | | |
| St. Giles | 185 | - | - | 1 | 2 | 3 | - | - | - | 20 | 21 | 56 | 211 |
| St. Martin-in-the-Fields | 48 | - | - | - | 1 | 1 | - | - | - | 3 | 5 | 11 | 262 |
| Strand | 124 | - | - | 1 | 1 | 1 | - | - | - | 9 | 18 | 34 | 252 |
| Holborn | 176 | - | 1 | 1 | 8 | 3 | - | - | - | 17 | 22 | 54 | 342 |
| Clerkenwell | 386 | - | 9 | 2 | 13 | 5 | - | 3 | - | 72 | 33 | 157 | 300 |
| St. Luke | 247 | - | 2 | - | 8 | 5 | - | - | - | 50 | 21 | 98 | 206 |
| City of London | 107 | - | 1 | 1 | 1 | - | - | 1 | - | 4 | 8 | 17 | 143 |
| **East.** | | | | | | | | | | | | | |
| Shoreditch | 764 | - | 12 | 2 | 10 | 4 | - | 5 | - | 163 | 49 | 355 | 341 |
| Bethnal Green | 687 | - | 23 | 1 | 4 | 4 | - | 2 | - | 112 | 75 | 284 | 247 |
| Whitechapel | 435 | - | 10 | 2 | 4 | 1 | - | 4 | - | 46 | 40 | 179 | 240 |
| St. George-in-the-East | 322 | - | 4 | 1 | 3 | 4 | - | 2 | - | 39 | 34 | 140 | 268 |
| Limehouse | 389 | - | 8 | 1 | 4 | 13 | - | 2 | - | 72 | 30 | 159 | 335 |
| Mile End Old Town | 597 | - | 11 | - | 21 | 5 | - | 3 | - | 121 | 31 | 263 | 253 |
| Poplar | 964 | - | 17 | 3 | 25 | 11 | - | 5 | - | 195 | 64 | 440 | 313 |
| **South.** | | | | | | | | | | | | | |
| St. Saviour | 151 | - | - | 1 | 1 | 3 | - | 1 | - | 25 | 18 | 61 | 330 |
| St. George-the-Mar. Southwk. | 409 | - | 3 | 8 | 6 | 12 | - | 2 | - | 83 | 47 | 172 | 331 |
| Newington | 667 | - | 5 | 8 | 21 | 19 | - | 3 | - | 142 | 62 | 272 | 274 |
| St. Olave | 52 | - | - | - | 1 | 2 | - | - | - | 5 | 8 | 10 | 119 |
| Bermondsey | 447 | - | 8 | 8 | 11 | 15 | - | 3 | - | 62 | 34 | 158 | 205 |
| Rotherhithe | 193 | - | 3 | 1 | 1 | 2 | - | - | - | 16 | 16 | 81 | 256 |
| Lambeth | 1,460 | - | 12 | 1 | 34 | 53 | - | 5 | 1 | 230 | 108 | 585 | 248 |
| Battersea | 782 | - | 1 | 1 | 21 | 20 | - | 2 | - | 136 | 64 | 335 | 270 |
| Wandsworth | 743 | - | 13 | 2 | 13 | 27 | - | 4 | - | 136 | 49 | 301 | 222 |
| Camberwell | 1,119 | - | 4 | 4 | 14 | 32 | - | 4 | - | 208 | 85 | 486 | 257 |
| Greenwich | 932 | - | 5 | 4 | 12 | 28 | - | 9 | - | 190 | 59 | 424 | 304 |
| Lee | 153 | - | 3 | 1 | 2 | 3 | - | 3 | - | 25 | 8 | 56 | 250 |
| Lewisham (excluding Penge) | 400 | - | 2 | 1 | 6 | 10 | - | - | - | 87 | 22 | 177 | 277 |
| Woolwich | 202 | - | - | 1 | 1 | 10 | - | 2 | - | 43 | 20 | 84 | 256 |
| Plumstead | 262 | - | 3 | 2 | - | 7 | - | - | - | 48 | 19 | 111 | 226 |

In the above Table all deaths of persons in, or on the way to, Hospitals and other Public Institutions, as well as those of persons under treatment in surgical homes, or dying by accident or otherwise in the streets, have been distributed, as far as practicable, to the sanitary areas in which the deceased had previously resided. The deaths of 354 London residents who died outside Registration London in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, the City of London Lunatic Asylum at Stone, and the Metropolitan Hospitals and Asylums, have been similarly distributed. In 484 cases the previous residence was outside Registration London, and these have been excluded from the Table.

## Greater London.

In Greater London 3581 births and 2165 deaths were registered, corresponding to annual rates of 29·1 and 17·6 per 1000 of the estimated population. In the Outer Ring 2 deaths from measles, 2 from scarlet fever, 10 from diphtheria, 13 from whooping-cough, 8 from "fever," and 67 from diarrhœa were registered. Six deaths from diphtheria, 3 from "fever," and 27 from diarrhœa occurred in West Ham district.

## METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 30·00 inches, and that of the Thermometer 56·1 ; the latter being 3·1 above the week's average in the 50 years 1841–90. The direction of the wind was north-easterly, the horizontal movement of the air being 7 per cent. below the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 18·3 hours ; the measured rainfall amounted to 0·02 of an inch.

### RETURNS OF LONDON WATER COMPANIES.

The LONDON WATER COMPANIES have been good enough to furnish the following account of the number of services and the average daily amount of water supplied during the month of September 1898. The supply was in the ratio of 256 gallons to one service.

| COMPANIES. | Number of Services. | | Daily Supply of Water in Gallons. | |
|---|---|---|---|---|
| | SEPTEMBER, 1897. | SEPTEMBER, 1898. | SEPTEMBER, 1897. | SEPTEMBER, 1898. |
| TOTAL SUPPLY - - - | 849,584 | 867,371 | 209,162,446 | 221,831,585 |
| From Thames - - - - - - | 409,386 | 416,916 | 111,470,892 | 126,442,013 |
| From Lea and from other Sources - | 440,198 | 450,455 | 97,691,554 | 95,389,572 |
| THAMES. | | | | |
| Chelsea - - - - - - | 37,648 | 38,049 | 11,821,754 | 12,673,270 |
| West Middlesex - - - - - | 81,570 | 82,990 | 20,326,960 | 23,504,445 |
| Southwark and Vauxhall - - | 120,922 | 121,991 | 35,116,393 | 36,331,552 |
| Grand Junction - - - - - | 61,702 | 63,067 | 20,057,265 | 22,041,429 |
| Lambeth - - - - - - | 107,544 | 110,819 | 24,148,520 | 31,891,317 |
| LEA AND OTHER SOURCES. | | | | |
| New River - - - - - - | 162,780 | 165,166 | 36,555,000 | 43,449,144 |
| East London - - - - - | 191,505 | 196,607 | 45,298,742 | 33,149,000 |
| Kent - - - - - - - | 85,913 | 88,682 | 15,837,812 | 18,791,428 |

*Note.*—The Return for September 1898, as compared with that for the corresponding month of 1897, shows an increase of 17,787 services and of 12,669,139 gallons of water supplied daily.

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### ANALYSIS OF METROPOLITAN WATER SUPPLY DURING SEPTEMBER, 1898.

*Water-analysis Laboratory, The Yews, Reigate,*
*7th October*, 1898.

SIR,

I HAVE to report to you the results of the chemical analysis, and of the physical and bacterioscopic examination, of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of September.

At the request of the Associated Metropolitan Water Companies, I have extended these monthly examinations to (*a*) the bacterioscopic and chemical condition of the raw river waters at the intakes of the various Companies, and (*b*) to the bacteriology of the water as it issues from the filter beds of each Company, and before it is pumped into the distributing mains.

I append, also, the results obtained in the analysis of the water supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill, of Birmingham, and Dr. Mills, of Glasgow.

Taking the average amount of organic impurity in a given volume of the Kent Company's water during the nine years ending December 1876, as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies, was :—Kent 0·5, New River 0·7, East London (deep well) 1·4, Chelsea and East London (river supply) 1·9, West Middlesex and Southwark 2·0, Grand Junction 2·2, and Lambeth 2·3. The unfiltered waters contained the following proportions :—Thames at Hampton 5·1, New River Cut 2·1, and Lea at Angel Road 4·1.

The Thames at Hampton was, on September 14th, turbid and yellow in colour ; it was of indifferent chemical, but good bacterial quality. The water supplied by the five Companies drawing from this river was, in every case, efficiently filtered before delivery, and was of excellent quality for dietetic and all domestic purposes. The bacterial improvement effected by these Companies is expressed by the following percentage numbers :—Chelsea 99·56 West Middlesex 98·82, Southwark (No. 3 filter) 99·63, (general supply from Hampton) 98·07, Grand Junction (general well at Hampton) 97·78, (general well at Kew) 97·04, (general supply from Kew) 96·74. and Lambeth 99·11.

## *Analysis of Metropolitan Waters.*

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

| | Companies or Local Authorities. | Date and Place of Collection. | Temperature in Centigrade degrees. | Total Solid Matter. | Organic Carbon. | Organic Nitrogen. | Ammonia. | Nitrogen as Nitrates and Nitrites. | Total Combined Nitrogen. | Chlorine. | Total Hardness. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Inner Circle. | THAMES. (Unfiltered water) - | September 5th, Grand Junction Co.'s intake at Hampton. | 20·4° | 26·00 | ·253 | ·048 | ·007 | ·117 | ·171 | 1·8 | 18·0 |
| Inner Circle. | Chelsea - - - | September 8th, Cab Rank, Horse Guards, Whitehall. | 18·6 | 23·64 | ·093 | ·017 | 0 | ·122 | ·139 | 1·8 | 15·7 |
| Inner Circle. | West Middlesex - | September 8th, Cab Rank, Riding House-street. | 17·6 | 23·64 | ·099 | ·018 | 0 | ·127 | ·145 | 1·8 | 15·7 |
| Inner Circle. | Southwark - - | September 8th, Cab Rank, St. George's Church, Borough. | 20·6 | 23·62 | ·104 | ·016 | 0 | ·114 | ·130 | 1·8 | 16·0 |
| Inner Circle. | Grand Junction - | September 8th, Cab Rank, Portman-street, Oxford-street. | 19·4 | 23·66 | ·115 | ·014 | 0 | ·120 | ·134 | 1·8 | 16·0 |
| Inner Circle. | Lambeth - - - | September 8th, Cab Rank, St. George's-road, Southwark. | 19·1 | 23·56 | ·116 | ·019 | 0 | ·137 | ·156 | 1·8 | 16·0 |
| Inner Circle. | LEA. (Unfiltered water) - | September 6th, New River Cut at Green Lanes. | 18·7 | 32·72 | ·112 | ·014 | ·006 | ·123 | ·142 | 1·9 | 21·2 |
| Inner Circle. | New River - - | September 8th, Cab Rank, Tottenham Court-road. | 18·4 | 29·88 | ·037 | ·007 | 0 | ·160 | ·167 | 1·9 | 20·0 |
| Inner Circle. | (Unfiltered water) - | September 7th, River near E. London Co.'s intake at Angel-rd. | 21·0 | 34·56 | ·205 | ·038 | ·006 | ·242 | ·285 | 2·2 | 21·8 |
| Inner Circle. | East London - - | September 8th, Cab Rank, Sidney-street, E. | 19·5 | 30·30 | ·095 | ·016 | 0 | ·122 | ·138 | 2·3 | 16·3 |
| Inner Circle. | DEEP WELLS. Kent - - - - | September 8th, Police Station, Blackheath-road. | 12·4 | 39·44 | ·026 | ·006 | 0 | ·488 | ·494 | 2·2 | 27·5 |
| Outer Circle. | East London - - | September 23rd. East Ham Well. | — | 39·74 | ·068 | ·012 | ·056 | ·014 | ·072 | 4·5 | 10·8 |
| | Corporation of Birmingham* - - - - | September 7th, Tap from Victoria Buildings. | 17·8 | 30·8 | ·170 | ·030 | 0 | ·200 | ·230 | 2·6 | 19·0 |
| | Corporation of Glasgow† | September 15th, Loch Katrine water. | 14·7 | 2·96 | ·188 | ·012 | 0 | ·005 | ·017 | ·7 | 1·3 |
| | Column 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. |

* Analysed by Dr. Alfred Hill, F.I.C., Medical Officer of Health and Analyst to the City.

† Analysed by Dr. E. J. Mills, F.R.S., of the Glasgow and West of Scotland Technical College.

All the numbers contained in columns 4, 5, 6, 7, 8, 9, 10, and 11, relate to 100,000 parts of the waters. The Table is to be read thus :—The Thames water collected on the 5th September at the Grand Junction Company's intake at Hampton had a temperature of 20·4° C.; 100,000 lbs. of it contained 26·00 lbs. of solid matter in solution; the organic substances, constituting a portion of this matter, contained ·253 lb. of carbon and ·048 lb. of nitrogen. The above quantity of water also contained ·007 lb. of ammonia and ·117 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was ·171 lb. The above weight of water also contained 1·8 lb. of chlorine, and 18·0 lbs. of carbonate of lime, or an equivalent amount of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

The New River Cut, before entering the storage and subsidence reservoirs of the New River Company, was, on September 6th, turbid and very pale yellow in colour. It was, for raw water, of excellent chemical and bacterial quality. After efficient filtration, it was delivered in most excellent chemical and bacterial condition—the effluent from one of the filters yielding on cultivation not a single organism. The bacterial improvement is expressed by the following percentage numbers:—No. 2 filter well 100, and the general filter well 99·17.

The water drawn from the Lea at Angel-road by the East London Company was, on September 7th, turbid and pale yellow in colour. It was of indifferent chemical and bacterial quality, but after efficient filtration, it was delivered in excellent chemical and bacterial condition. The bacterial improvement is expressed by the following percentage numbers:—No. 1 Essex well 99·38, No. 2 Essex well 98·91, and Middlesex well 98·48.

The deep well water of the Kent Company was clear and bright without filtration, but that of the East London Company was very slightly turbid. Both waters were of excellent quality, and that of the Kent Company possessed an extremely high degree of bacterial purity.

Seen through a stratum two feet deep, the Kent and New River waters were clear and colourless, the East London (deep well) very slightly turbid and colourless and the remaining waters clear and nearly colourless.

The bacterioscopic examination of the river waters, before and after storage, and of the filtered supplies delivered by the various Companies, and collected on the 6th, 7th, 8th, and 14th of September, yielded after prolonged incubation, the results contained in the following Table:—

| Description. | Microbes per c.c. | Temp. C. |
|---|---|---|
| **Raw and Stored River Waters.** | | ° |
| River Thames at Hampton, September 14th | 1,350 | 18·5 |
| " " after storage (Chelsea Company), September 14th | 660 | 18·9 |
| West Middlesex Company's water, from mixed storage, September 6th | 100 | 19·7 |
| Grand Junction Company's water at Kew Bridge, passing to filters, Sept. 6th | 360 | 19·7 |
| New River Cut before passing through reservoirs, September 6th | 960 | 18·7 |
| " " " after " " " | 140 | 19·4 |
| River Lea at Angel-road, September 7th | 4,200 | 21·0 |
| " " after storage (East London Company), September 7th | lost | 19·7 |
| **Filtered River Waters as supplied.** | | |
| **Thames.** | | |
| Chelsea Company's general filter well, September 14th | 6 | 18·9 |
| West Middlesex Company's general filter well, September 6th | 16 | 19·0 |
| Southwark Company's No. 3 filter well, September 14th | 4 | 17·7 |
| " " tap on filtered water main at Hampton works, September 14th | 26 | 18·3 |
| Grand Junction Company's general filter well at Hampton, September 14th | 30 | 19·4 |
| " " " " " " Kew Bridge, September 6th | 40 | 19·3 |
| " " " tap on filtered water main at Kew Bridge, September 6th | 54 | 19·5 |
| Lambeth Company's general filter well, September 14th | 12 | 19·7 |
| **Lea** | | |
| New River Company's general filter well, September 6th | 8 | 19·2 |
| " " " No. 2 " " " | 0 | 19·3 |
| East London Company's No. 1 Essex filter well, September 7th | 26 | 19·3 |
| " " " No. 2 " " " | 46 | 19·7 |
| " " " Middlesex " " | 64 | 20·4 |
| **Deep-well.** | | |
| Kent Company's "New Well" at Deptford, September 8th | 5 | 11·3 |

Dr. Hill, F.I.C., Medical Officer of Health for Birmingham, reports that the water supplied to that City was "clear and pale green in a two-foot tube."

Dr. Mills, F.R.S., of the Glasgow and West of Scotland Technical College, reports that the water supplied to that City from Loch Katrine was "light brown in colour, and contained a little suspended matter."

I am, &c.,

E. Frankland.

The Registrar-General, &c., &c.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Registered during the Week ending 8th October 1898. Births. | Registered during the Week ending 8th October 1898. Deaths. | The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | per 1000, corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6–12. | Highest. Fahrenheit. | Lowest. Fahrenheit. | Mean. Fahrenheit. | Mean. Centigrade. | Rainfall. In Inches. | Rainfall. In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| 33 Towns - | **11,218,378** | **6532** | **4408** | **1507** | **893** | **-** | **41** | **25** | **70** | **43** | **65** | **530** | **156** | **303** | **864** | **42** | **20·5** | **3·6** | **69·8** | **37·0** | **55·2** | **12·89** | **0·06** | **0·15** | 33 Towns. |
| London - - | 4,504,766 | 2554 | 1620 | 498 | 370 | - | 7 | 7 | 34 | 18 | 6 | 138 | 76 | 146 | 483 | 9 | 18·8 | 2·4 | 69·2 | 37·9 | 56·1 | 13·39 | 0·02 | 0·05 | London. |
| West Ham - - | 286,654 | 183 | 98 | 34 | 11 | - | 1 | 1 | 5 | 4 | 2 | 12 | 1 | 2 | 13 | 1 | 17·8 | 4·5 | - | - | - | - | - | - | West Ham. |
| Croydon - - | 124,421 | 63 | 29 | 7 | 10 | - | - | - | - | - | 1 | 5 | - | 2 | 5 | - | 12·2 | 2·5 | 67·5 | 39·5 | 55·7 | 13·17 | 0·00 | 0·00 | Croydon. |
| Brighton - - | 122,310 | 63 | 35 | 10 | 10 | - | - | - | - | - | 1 | 3 | - | 4 | 10 | - | 14·9 | 1·7 | 69·8 | 46·0 | 58·9 | 14·94 | 0·00 | 0·00 | Brighton. |
| Portsmouth - | 186,618 | 94 | 56 | 12 | 18 | - | 1 | - | 3 | - | 3 | 4 | 2 | 6 | 14 | - | 15·6 | 3·1 | - | - | - | - | - | - | Portsmouth. |
| Plymouth - - | 99,136 | 70 | 44 | 19 | 5 | - | 1 | 1 | 1 | - | 1 | 1 | - | - | 3 | 1 | 23·1 | 2·6 | - | - | - | - | - | - | Plymouth. |
| Bristol - - | 316,900 | 169 | 107 | 35 | 27 | - | - | - | - | 4 | - | 16 | 4 | 6 | 17 | 1 | 17·6 | 3·3 | 68·0 | 40·0 | 54·6 | 12·56 | 0·01 | 0·03 | Bristol. |
| Cardiff - - | 177,770 | 111 | 43 | 23 | 8 | - | - | - | 2 | - | - | 6 | 1 | 2 | 1 | - | 12·6 | 2·3 | - | - | - | - | - | - | Cardiff. |
| Swansea - - | 102,001 | 45 | 38 | 13 | 7 | - | 1 | - | 5 | - | - | 8 | 2 | 2 | 4 | - | 19·4 | 7·2 | - | - | - | - | - | - | Swansea. |
| Wolverhampton | 88,051 | 59 | 41 | 13 | 7 | - | - | - | - | - | - | 5 | 2 | 2 | 3 | 1 | 24·3 | 3·0 | 65·2 | 41·0 | 53·1 | 11·72 | 0·04 | 0·10 | Wolverhampton. |
| Birmingham - | 510,343 | 328 | 195 | 84 | 33 | - | 3 | - | 3 | 1 | 2 | 22 | 4 | 4 | 25 | 2 | 19·9 | 3·2 | - | - | - | - | - | - | Birmingham. |
| Norwich - - | 111,699 | 64 | 59 | 33 | 12 | - | 6 | 1 | 1 | - | 2 | 11 | 3 | 3 | 5 | 1 | 27·5 | 9·8 | 68·0 | 37·0 | 54·4 | 12·44 | 0·05 | 0·13 | Norwich. |
| Leicester - - | 208,662 | 117 | 74 | 31 | 12 | - | - | 1 | 3 | - | 2 | 13 | 3 | 5 | 13 | 1 | 18·5 | 4·7 | - | - | - | - | - | - | Leicester. |
| Nottingham - | 236,137 | 114 | 73 | 27 | 13 | - | 2 | 3 | - | - | - | 12 | 2 | 4 | 14 | - | 16·1 | 3·8 | 69·2 | 38·3 | 54·8 | 12·67 | 0·08 | 0·20 | Nottingham. |
| Derby - - - | 104,834 | 60 | 38 | 10 | 11 | - | - | - | - | - | 1 | 3 | 1 | 3 | 9 | - | 18·9 | 2·0 | - | - | - | - | - | - | Derby. |
| Birkenhead - | 113,189 | 72 | 39 | 18 | 8 | - | - | 1 | - | - | - | 2 | 2 | 2 | 4 | - | 18·0 | 1·4 | - | - | - | - | - | - | Birkenhead. |
| Liverpool - - | 633,645 | 434 | 352 | 117 | 52 | - | 7 | 2 | 1 | 6 | 6 | 39 | 18 | 26 | 80 | 12 | 29·0 | 5·0 | 66·7 | 42·8 | 54·1 | 12·28 | 0·01 | 0·03 | Liverpool. |
| Bolton† - - | 122,495 | 70 | 51 | 15 | 14 | - | 1 | 1 | - | - | - | 6 | - | 6 | 2 | - | 21·7 | 3·4 | - | - | - | - | - | - | Bolton.† |
| Manchester - | 539,079 | 362 | 266 | 88 | 44 | - | 4 | 1 | 1 | 1 | 5 | 43 | 7 | 20 | 52 | 2 | 25·7 | 5·3 | - | - | - | - | - | - | Manchester. |
| Salford - - | 215,702 | 149 | 114 | 45 | 16 | - | - | 1 | 1 | 1 | 1 | 20 | - | 3 | 13 | - | 27·6 | 5·8 | - | - | - | - | - | - | Salford. |
| Oldham - - | 148,288 | 77 | 69 | 25 | 6 | - | - | - | - | - | 1 | 8 | - | 2 | 5 | - | 24·3 | 3·2 | - | - | - | - | - | - | Oldham. |
| Burnley - - | 109,546 | 59 | 43 | 20 | 10 | - | - | - | - | - | - | 15 | 2 | 3 | 2 | 1 | 20·5 | 7·1 | - | - | - | - | - | - | Burnley. |
| Blackburn - - | 133,228 | 70 | 50 | 21 | 12 | - | - | - | - | - | 1 | 12 | 1 | 2 | 6 | 3 | 19·6 | 5·1 | - | - | - | - | - | - | Blackburn. |
| Preston - - | 116,356 | 69 | 54 | 19 | 7 | - | - | - | 1 | 1 | 2 | 8 | - | - | 5 | 2 | 24·2 | 5·4 | - | - | - | - | - | - | Preston. |
| Huddersfield - | 102,454 | 41 | 34 | 11 | 11 | - | - | - | - | - | - | 5 | 2 | 2 | 4 | - | 17·3 | 2·5 | 68·7 | 42·0 | 54·1 | 12·28 | 0·09 | 0·23 | Huddersfield. |
| Halifax - - | 96,729 | 34 | 38 | 10 | 13 | - | - | 1 | 1 | 1 | - | 1 | 1 | 1 | 4 | 1 | 20·5 | 2·2 | - | - | - | - | - | - | Halifax. |
| Bradford - - | 233,737 | 107 | 88 | 25 | 27 | - | 1 | - | - | 3 | 1 | 12 | 2 | 4 | 10 | - | 19·6 | 3·8 | 69·6 | 48·8 | 56·3 | 13·50 | 0·28 | 0·71 | Bradford. |
| Leeds - - - | 416,618 | 234 | 149 | 51 | 26 | - | - | 1 | 4 | - | 8 | 18 | 4 | 14 | 7 | 2 | 18·6 | 3·9 | - | - | - | - | - | - | Leeds. |
| Sheffield - - | 356,478 | 237 | 170 | 66 | 38 | - | 2 | 1 | 4 | - | 4 | 25 | 7 | 11 | 17 | 2 | 24·9 | 5·3 | - | - | - | - | - | - | Sheffield. |
| Hull - - - | 229,887 | 116 | 107 | 42 | 27 | - | - | - | - | - | 1 | 21 | 4 | 8 | 16 | - | 24·3 | 5·0 | - | - | - | - | - | - | Hull. |
| Sunderland - | 143,849 | 96 | 84 | 26 | 9 | - | 1 | 1 | - | 1 | 7 | 12 | 3 | 4 | 7 | - | 30·4 | 8·0 | - | - | - | - | - | - | Sunderland. |
| Gateshead - - | 103,775 | 61 | 46 | 21 | 5 | - | 2 | - | - | 1 | - | 12 | - | - | 1 | - | 23·1 | 7·5 | - | - | - | - | - | - | Gateshead. |
| Newcastle - - | 223,021 | 150 | 104 | 38 | 14 | - | 1 | 1 | - | 1 | 7 | 12 | 2 | 4 | 10 | - | 24·3 | 5·1 | - | - | - | - | - | - | Newcastle. |

* See note * on first page of this return.

† The recent extension of the Borough of Bolton will not be taken into account in the Weekly Returns until 1899.

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the FORTIETH Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2413 | 2364 | 2433 | 2578 | 2441 | 2513 | 2532 | 2447 | 2844 | 2460 | 2633·4 | 2554 |
| Males - - | 1212 | 1180 | 1290 | 1329 | 1226 | 1292 | 1312 | 1228 | 1473 | 1252 | 1346·3 | 1277 |
| Females - | 1201 | 1184 | 1143 | 1249 | 1215 | 1221 | 1220 | 1219 | 1371 | 1208 | 1287·1 | 1277 |
| TOTAL **Deaths** - | 1352 | 1381 | 1413 | 1395 | 1344 | 1481 | 1287 | 1342 | 1276 | 1324 | 1430·6 | 1620 |
| Males - - | 701 | 728 | 757 | 719 | 672 | 740 | 640 | 697 | 646 | 695 | 736·1 | 814 |
| Females - - | 651 | 653 | 656 | 676 | 672 | 741 | 647 | 645 | 630 | 629 | 694·5 | 806 |

*The numbers in this column are the average weekly numbers in the fortieth week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | July 16. | July 23. | July 30. | Aug 6. | Aug. 13. | Aug. 20. | Aug. 27. | Sept 3. | Sept. 10. | Sept. 17. | Sept. 24. | Oct. 1. | Oct. 8. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** - - - | 2502 | 2505 | 2696 | 2335 | 2807 | 2489 | 2551 | 2650 | 2446 | 2499 | 2574 | 2614 | 2554 |
| TOTAL **Deaths** - - - | 1214 | 1330 | 1452 | 1586 | 1772 | 2019 | 1856 | 1898 | 2007 | 1832 | 1863 | 1700 | 1620 |
| Ages at Death: Under 1 year - - | 305 | 385 | 493 | 592 | 800 | 915 | 886 | 887 | 929 | 786 | 764 | 619 | 498 |
| 1—5 years - - | 157 | 152 | 175 | 198 | 212 | 2[illegible]5 | 222 | 203 | 244 | 211 | 202 | 195 | 182 |
| 5—20 " - - | 78 | 79 | 71 | 85 | 72 | 61 | 64 | 83 | 76 | 64 | 86 | 76 | 76 |
| 20—40 " - - | 179 | 152 | 181 | 158 | 151 | 172 | 157 | 189 | 200 | 178 | 204 | 185 | 189 |
| 40—60 " - - | 220 | 249 | 248 | 262 | 235 | 283 | 236 | 259 | 241 | 270 | 289 | 293 | 314 |
| 60—80 " - - | 220 | 254 | 226 | 238 | 25[illegible] | 295 | 243 | 226 | 256 | 269 | 266 | 288 | 291 |
| 80 year and upwards | 55 | 59 | 58 | 53 | 47 | 60 | 48 | 51 | 61 | 54 | 72 | 44 | 79 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox - - - - | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Measles - - - - | 23 | 22 | 23 | 14 | 31 | 18 | 20 | 11 | 16 | 8 | 12 | 10 | 7 |
| Scarlet Fever - - - | 8 | 8 | 7 | 8 | 10 | 17 | 7 | 5 | 8 | 3 | 9 | 10 | 7 |
| Diphtheria - - - - | 39 | 29 | 21 | 30 | 27 | 26 | 21 | 19 | 30 | 29 | 29 | 33 | 34 |
| Whooping-cough - - - | 40 | 38 | [illegible] | 29 | 34 | 32 | 32 | 29 | 40 | 25 | 31 | 29 | 18 |
| Typhus - - - - - | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Enteric Fever - - - | 4 | 8 | 7 | 10 | 2 | 13 | 9 | 15 | 19 | 7 | 9 | 9 | 6 |
| Simple Continued Fever - | – | – | – | – | 1 | 1 | – | 1 | – | – | – | – | – |
| Diarrhœa and Dysentery .. | 52 | 6[illegible] | 138 | 227 | 328 | 433 | 463 | 431 | 433 | 397 | 347 | 247 | 138 |
| Cholera - - - - - | 3 | 2 | 8 | 13 | 15 | 14 | 14 | 13 | 13 | 14 | 7 | 10 | 1 |
| All the above Diseases - | 169 | 176 | 234 | 331 | 448 | 554 | 566 | 524 | 559 | 483 | 444 | 348 | 211 |
| Dis. of Respiratory System - | 17[illegible] | 148 | 173 | 174 | 171 | 196 | 135 | 127 | 130 | 135 | 157 | 200 | 226 |
| Phthisis - - - - - | 126 | 148 | 133 | 124 | 139 | 115 | 107 | 144 | 140 | 133 | 127 | 147 | 148 |
| Dis. of Circulatory System - | 91 | 119 | 116 | 122 | 127 | 112 | 106 | 116 | 111 | 123 | 121 | 136 | 140 |
| Violence - - - - - | 55 | 64 | 80 | 73 | 61 | 67 | 73 | 60 | 71 | 96 | 58 | 66 | 76 |
| Inquest Cases - - - - | 119 | 127 | 164 | 139 | 131 | 139 | 150 | 124 | 135 | 166 | 133 | 147 | 146 |
| Deaths in Public Institutions - | 367 | 434 | 446 | 413 | 428 | 500 | 407 | 469 | 470 | 470 | 495 | 446 | 483 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean - - - - - - | 61°·9 | 62°·8 | 61°·0 | 63°·8 | 61°·9 | 69°·5 | 65°·4 | 61°·1 | 70°·4 | 66°·4 | 57°·2 | 52°·9 | 53°·1 |
| Mean of Highest readings - | 73·4 | 74·2 | 70·4 | 75·9 | 72·2 | 82·1 | 76·8 | 73·2 | 83·6 | 79·5 | 68·7 | 63·8 | 62·4 |
| Mean of Lowest readings - | 50·9 | 54·2 | 54·1 | 52·7 | 53·6 | 59·3 | 55·8 | 50·5 | 60·0 | 55·1 | 47·1 | 42·5 | 50·1 |
| Humidity of the Air - - | 68 | 74 | 76 | 69 | 76 | 69 | 73 | 67 | 68 | 64 | 75 | 72 | 82 |
| Rain-fall (in inches) - - | 0·02 | 0·45 | 0·72 | 0·06 | 0·56 | 0·03 | 0·14 | 0·08 | 0·00 | 0·02 | 0·12 | 0·16 | 0·02 |
| Registered Sunshine (in hours) | 52·0 | 36·1 | 25·6 | 58·4 | 35·6 | 61·0 | 45·1 | 60·7 | 59·7 | 56·8 | 33·8 | 42·4 | 18·3 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox - - - - - | – | – | – | 1 | 1 | 2 | 2 | 2 | 3 | 2 | 1 | – | – |
| Scarlet Fever - - - - | 2314 | 2355 | 2321 | 2326 | 2293 | 2241 | 2178 | 2240 | 2300 | 2319 | 2353 | 2459 | 2606 |
| Diphtheria - - - - | 1033 | 1034 | 1022 | 1021 | 953 | 937 | 903 | 869 | 893 | 916 | 964 | 1027 | 1052 |
| Enteric Fever - - - - | 68 | 85 | 87 | 97 | 106 | 106 | 115 | 118 | 119 | 127 | 128 | 155 | 176 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton: A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and J. Boobbyer Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst.C.E., Bradford; and Mr. E. Peck, Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTIETH Week of the Year 1898.

| CAUSES OF DEATH | Corrected Averages for the 40th Week of the 10 years 1888-97*. | In the Week ending Saturday, 8th October 1898. Deaths of Persons of the Ages: All Ages. | Under 20. 0-1 | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| CAUSES | 1430·6 | 1620 | 498 | 182 | 76 | 180 | 314 | 291 | 79 |
| all-pox: Vaccinated† | 0·1 | - | - | - | - | - | - | - | - |
| all-pox: Unvaccinated | 0·1 | - | - | - | - | - | - | - | - |
| all-pox: No Statement | 0·1 | - | - | - | - | - | - | - | - |
| asles | 18·8 | 7 | 1 | 6 | - | - | - | - | - |
| rlet Fever | 23·6 | 7 | - | 3 | 3 | 1 | - | - | - |
| hus | 0·1 | - | - | - | - | - | - | - | - |
| apsing Fever | - | - | - | - | - | - | - | - | - |
| uenza | 3·8 | 4 | - | - | - | 2 | 1 | 1 | - |
| ooping-cough | 18·0 | 18 | 10 | 7 | 1 | - | - | - | - |
| hthria | 52·0 | 34 | 1 | 21 | 12 | - | - | - | - |
| hple Continued and l-defined Fever | 0·6 | - | - | - | - | - | - | - | - |
| teric Fever | 17·0 | 6 | - | - | 3 | 2 | 1 | - | - |
| olera and Chol. Diarr. | 1·5 | 1 | - | - | - | 1 | - | - | - |
| rrhœa, Dysentery | 62·4 | 138 | 100 | 25 | 1 | - | 3 | 7 | 2 |
| mittent Fever | - | - | - | - | - | - | - | - | - |
| drophobia | - | - | - | - | - | - | - | - | - |
| nders | - | - | - | - | - | - | - | - | - |
| wpox and Effects of accination | 0·2 | - | - | - | - | - | - | - | - |
| hereal Affections | 9·6 | 7 | 4 | - | - | 2 | 1 | - | - |
| rsipelas | 4·8 | 3 | 2 | - | - | - | 1 | - | - |
| emia and Septicæmia | 2·4 | - | - | - | - | - | - | - | - |
| erperal Fever | 4·1 | 9 | - | - | - | 7 | 2 | - | - |
| her Zymotic Diseases | 1·5 | - | - | - | - | - | - | - | - |
| rush | 1·1 | 1 | 1 | - | - | - | - | - | - |
| rms and other Parasitical Diseases | 0·4 | - | - | - | - | - | - | - | - |
| rvation, Want of Breast-milk | 2·4 | - | - | - | - | - | - | - | - |
| coholism | 10·1 | 16 | - | - | - | 2 | 12 | 2 | - |
| eumatic Fever, Rheumatism of Heart | 8·6 | 6 | - | - | 4 | - | - | 2 | - |
| eumatism | 1·9 | - | - | - | - | - | - | - | - |
| ut | 2·0 | 4 | - | - | - | - | 1 | 3 | - |
| ckets | 4·4 | 4 | 1 | 3 | - | - | - | - | - |
| ncer | 70·2 | 89 | - | 2 | - | 5 | 40 | 35 | 7 |
| bes Mesenterica | 25·9 | 21 | 14 | 6 | - | 1 | - | - | - |
| bercular Meningitis | 20·8 | 21 | 8 | 11 | 2 | - | - | - | - |
| thisis | 153·3 | 148 | - | 2 | 12 | 62 | 62 | 10 | - |
| rofula, Tuberculosis | 16·7 | 23 | 8 | 7 | 2 | 3 | 1 | 1 | 1 |
| her Constitutional Diseases | 11·6 | 22 | 1 | - | 1 | 4 | 8 | 8 | - |
| emature Birth | 48·4 | 45 | 45 | - | - | - | - | - | - |
| electasis | 2·8 | 4 | 4 | - | - | - | - | - | - |
| ngenital Malformations | 8·9 | 9 | 8 | 1 | - | - | - | - | - |
| d Age | 41·6 | 58 | - | - | - | - | - | 21 | 37 |
| oplexy | 42·0 | 35 | 1 | - | - | 1 | 10 | 19 | 4 |
| ilepsy | 5·7 | 8 | - | - | 3 | 4 | - | 1 | - |
| nvulsions | 39·3 | 30 | 27 | 3 | - | - | - | - | - |
| her Diseases of Brain and Nervous System | 65·9 | 62 | 7 | 9 | 3 | 8 | 12 | 20 | 3 |
| iseases of Organs of Special Sense | 3·5 | 2 | 1 | - | - | 1 | - | - | - |

| CAUSES OF DEATH | Corrected Averages for the 40th Week of the 10 years 1888-97*. | In the Week ending Saturday, 8th October 1898. Deaths of Persons of the Ages: All Ages. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System | 121·9 | 140 | - | - | 8 | 29 | 44 | 49 | 10 |
| Croup | 4·8 | 2 | - | 1 | 1 | - | - | - | - |
| Bronchitis | 114·0 | 117 | 35 | 17 | - | 2 | 21 | 36 | 6 |
| Pneumonia | 76·1 | 82 | 18 | 21 | 5 | 10 | 19 | 8 | 1 |
| Pleurisy | 4·8 | 7 | 1 | 2 | 1 | - | 1 | 2 | - |
| Other Diseases of Respiratory System | 19·6 | 18 | 3 | 2 | 1 | - | 4 | 7 | 1 |
| Dentition | 6·3 | 8 | 3 | 5 | - | - | - | - | - |
| Quinsy, Sore Throat | 1·5 | 1 | - | 1 | - | - | - | - | - |
| Enteritis | 20·8 | 113 | 86 | 10 | 3 | 3 | 5 | 5 | - |
| Peritonitis | 7·1 | 2 | - | - | - | 1 | - | 1 | - |
| Diseases of Liver | 27·4 | 33 | 1 | - | 1 | 4 | 20 | 7 | - |
| Other Diseases of Digestive System | 26·0 | 28 | 9 | 2 | 1 | 2 | 5 | 9 | - |
| Diseases of Lymphatic System & of Ductless Glands | 2·9 | 2 | - | - | - | - | 2 | - | - |
| Diseases of Urinary System | 41·0 | 42 | - | 1 | 1 | 3 | 14 | 21 | 2 |
| Diseases of Generative System | 4·7 | 7 | - | - | - | 3 | 3 | 1 | - |
| Accidents of Childbirth | 4·2 | 1 | - | - | - | 1 | - | - | - |
| Diseases of Locomotive System | 6·3 | 7 | - | 1 | 3 | 1 | - | 2 | - |
| Diseases of Integumentary System | 7·1 | 5 | 2 | 2 | - | - | - | 1 | - |
| VIOLENT DEATHS‡ (ACCIDENT.) | | | | | | | | | |
| By Railways | 51·1 | 1 | - | - | - | - | - | 1 | |
| By Vehicles or Horses | | 8 | - | 2 | 1 | 1 | 4 | - | |
| In Ships, Boats, Docks, (exclusive of Drowning) | | 1 | - | - | - | 1 | - | - | |
| In Building Operations | | 2 | - | - | - | 1 | 1 | - | |
| In Conflagrations | | - | - | - | - | - | - | - | |
| By Burns, Scalds, Explosions | | 4 | - | 2 | - | - | 1 | 1 | |
| By Drowning | | 3 | 1 | - | - | 1 | 1 | - | |
| By Suffocation in Bed | | 14 | 14 | - | - | - | - | - | |
| By Poisons or Poisonous Vapours | | 2 | 1 | - | - | 1 | - | - | |
| Other or not stated causes | | 27 | 1 | 2 | 2 | 5 | 7 | 6 | |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide | 1·5 | 1 | - | - | - | 1 | - | - | |
| Suicide | 8·7 | 13 | - | - | - | 4 | 7 | 2 | |
| Execution | - | - | - | - | - | - | - | - | |
| OTHER CAUSES | 64·6 | 87 | 79 | 5 | 1 | - | - | 2 | |

* The numbers in this column are the average weekly deaths for the ten years 1888-97, raised by 5·230 per cent. for increase of population.

† Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

‡ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder manslaughter or suicide. All such cases are classed under "accident."

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 8th October, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2554 | 1620 | 498 | 370 | - | 7 | 7 | 34 | 18 | - | 6 | - | 138 | 76 | 146 | 483 | 9 |
| WEST DISTRICTS - - - | 778,251 | 374 | 241 | 59 | 68 | - | - | 1 | 4 | 4 | - | 1 | - | 13 | 14 | 32 | 83 | - |
| NORTH DISTRICTS - - - | 1,040,694 | 572 | 367 | 89 | 103 | - | 1 | 2 | 10 | 1 | - | 2 | - | 21 | 19 | 32 | 107 | - |
| CENTRAL DISTRICTS - - - | 233,635 | 130 | 98 | 36 | 18 | - | 1 | - | 1 | 1 | - | - | - | 13 | 8 | 11 | 34 | - |
| EAST DISTRICTS - - - | 716,334 | 481 | 312 | 111 | 56 | - | 3 | - | 5 | 1 | - | 2 | - | 28 | 14 | 37 | 97 | - |
| SOUTH DISTRICTS - - - | 1,642,796 | 997 | 579 | 203 | 118 | - | 2 | 3 | 14 | 11 | - | 1 | - | 63 | 21 | 34 | 139 | 9 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | — | - | 23 | - | 7 | - | - | 1 | - | - | - | - | - | - | - | - | 23 | - |
| **WEST DISTRICTS.** | | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 48 | 29 | 13 | 5 | - | - | - | 1 | 1 | - | - | - | 3 | 1 | 4 | 5 | - |
| St John Paddington *H* - - G. | 33,510 | 9 | 13 | 3 | 1 | - | - | - | - | - | - | - | - | 1 | 3 | 3 | 7 | - |
| Kensington Town *Ww* - - W. | 122,164 | 53 | 50 | 5 | 21 | - | - | - | - | - | - | 1 | - | 3 | 1 | 3 | 21 | - |
| Brompton *HH*- - - W & C. | 48,301 | 7 | 10 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | 6 | - |
| St. Peter Hammersmith - - W. | 9,097 | 6 | 1 | 1 | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - |
| St. Paul Hammersmith *HH* W. & G. | 35,102 | 63 | 32 | 10 | 10 | - | - | - | 1 | 1 | - | - | - | 1 | 2 | 4 | 3 | - |
| Fulham *Ww* - - - W. & C. | 113,781 | 73 | 37 | 11 | 6 | - | - | 1 | 2 | 1 | - | - | - | 2 | 1 | 4 | 10 | - |
| Chelsea Kensal Town - C. | 21,450 | 13 | 5 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Chelsea North *WHHHHH* - C. | 42,057 | 23 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - |
| Chelsea South *HH* - - C. | 33,139 | 14 | 11 | 3 | 3 | - | - | - | - | - | - | - | - | - | - | 2 | 2 | - |
| May Fair *W* - - - - G. | 23,827 | 6 | 13 | 1 | 9 | - | - | - | - | - | - | - | - | 1 | 1 | 3 | 12 | - |
| Belgrave *WHHH* - - - C. | 56,140 | 17 | 17 | 3 | 4 | - | - | - | - | - | - | - | - | - | 4 | 5 | 9 | - |
| St. John Westminster *HH* - C. | 31,492 | 18 | 3 | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - |
| St. Margaret Westminster *H*- C. | 22,097 | 4 | 5 | 1 | 3 | - | - | - | - | - | - | - | - | - | - | 2 | 3 | - |
| St. James Westminster *WHH* N. & G. | 23,050 | 13 | 8 | 3 | 3 | - | - | - | - | - | - | - | - | 1 | 1 | 2 | 2 | - |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 7 | 4 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| **NORTH DISTRICTS.** | | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - - W. | 36,595 | 13 | 17 | 3 | 4 | - | - | - | - | - | - | - | - | - | 2 | 2 | 8 | - |
| Rectory Marylebone *W* G. & W. | 19,798 | 11 | 5 | 2 | 1 | - | - | - | - | - | - | - | - | 1 | - | - | 1 | - |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 41 | 7 | 1 | 3 | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - |
| Christchurch Marylebone *H* - W | 32,547 | 18 | 7 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. John Marylebone *HHH* W. | 32,611 | 18 | 7 | 3 | 2 | - | - | - | - | - | - | - | - | - | 2 | 1 | 1 | - |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 29 | 21 | 1 | 12 | - | - | 1 | 1 | - | - | - | - | - | - | 1 | 4 | - |
| Regent's Park Pancras *HH* - W. | 37,341 | 14 | 9 | 4 | 2 | - | - | - | - | - | - | - | - | 1 | - | 2 | 2 | - |
| Tottenham-court *wHHHH* - N. & W. | 26,757 | 9 | 15 | 1 | 5 | - | - | - | - | - | - | - | - | 1 | 1 | 1 | 7 | - |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 20 | 13 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | 2 | 2 | - |
| Somers Town *HH* - - - N. | 32,161 | 31 | 12 | 5 | 2 | - | - | - | - | - | - | - | - | 2 | - | - | 1 | - |
| Camden Town *WH* - - N. | 16,669 | 11 | 12 | 2 | 5 | - | - | - | - | - | - | - | - | 1 | 1 | 1 | 10 | - |
| Kentish Town *WW* - - N. | 98,410 | 60 | 49 | 10 | 15 | - | - | - | - | - | - | 1 | - | 3 | 1 | - | 15 | - |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 48 | 37 | 8 | 9 | - | - | - | - | - | - | - | - | 1 | 2 | 2 | 23 | - |
| Islington South-west *H* - N. | 107,365 | 55 | 38 | 17 | 7 | - | 1 | - | - | 1 | - | - | - | 5 | 2 | 4 | - | - |
| Islington South-east - - N. | 66,549 | 34 | 19 | 5 | 5 | - | - | - | - | - | - | - | - | 3 | - | 1 | - | - |
| Highbury *HH* - - - N. | 64,577 | 24 | 13 | 4 | 4 | - | - | - | - | - | - | - | - | 1 | 1 | 2 | 2 | - |
| Stoke Newington *H* - - N. | 33,485 | 15 | 7 | - | 3 | - | - | - | - | - | - | - | - | - | - | 2 | - | - |
| North Hackney - - E. & N. | 213,044 | 25 | 15 | 3 | 8 | - | - | - | - | - | - | - | - | - | 1 | 2 | - | - |
| Central Hackney *ww* - E. & N. | | 33 | 23 | 6 | 1 | - | - | 1 | 9 | - | - | 1 | - | - | - | - | 10 | - |
| South-west Hackney *HHH* E. & N. | | 33 | 17 | 7 | 3 | - | - | - | - | - | - | - | - | 1 | 1 | 2 | 5 | - |
| South-east Hackney *WwH* E. & N. | | 30 | 24 | 4 | 10 | - | - | - | - | - | - | - | - | 1 | 4 | 6 | 16 | - |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers are received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. The Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River E East London; and K. the Kent Company.

* See note * on second page of this Return.

E 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, CARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each UB-DISTRICT during the Week ending Saturday, 8th October, 1898—*continued.*

| EGISTRATION SUB-DISTRICTS | Enumerated Population. 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CENTRAL DISTRICTS. | | | | | | | | | | | | | | | | | | |
| eorge Bloomsbury - - N. | 16,110 | 4 | 4 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| iles South *WH* - - N. | 12,976 | 12 | 2 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| iles North *H* - - - N. | 9,151 | 5 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Martin-in-the-Fields *HH* N. & C. | 13,077 | 2 | 4 | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | 3 | - |
| nd *WHH* - - - - N. | 11,839 | 3 | 8 | 2 | - | - | - | - | - | - | - | - | - | 1 | 1 | 1 | 2 | - |
| *nd Union Workhouse, Edmonton* | †*1,037* | - | 6 | - | 4 | - | - | - | - | - | - | - | - | 1 | - | - | 6 | - |
| oorn *wHHHHHHH* - N. | 31,042 | 16 | 19 | 11 | 2 | - | - | - | 1 | - | - | - | - | 2 | - | - | 9 | - |
| ames Clerkenwell - - N. | 15,777 | 13 | 8 | 6 | - | - | - | - | - | - | - | - | - | 2 | - | - | - | - |
| well Clerkenwell - - N. | 34,356 | 16 | 11 | 6 | 2 | - | - | - | - | - | - | - | - | 3 | 1 | 1 | - | - |
| well-street - - - - N. | 16,069 | 8 | 4 | 2 | 1 | - | - | - | - | 1 | - | - | - | 2 | 1 | 1 | - | - |
| -road *HHHL* - - - N. | 29,897 | 34 | 10 | 3 | 2 | - | 1 | - | - | - | - | - | - | 2 | - | - | 2 | - |
| tecross-street - - - N. | 7,595 | 8 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| bury - - - - - N. | 4,035 | 1 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| oorn Union Workhouse, *tcham* - - - - | †*892* | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Botolph *H* - - N. & E. | 6,870 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| plegate - - - - N. | 3,299 | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| epulchre *WH* - - - N. | 9,591 | 3 | 16 | 1 | 1 | - | - | - | - | - | - | - | - | - | 4 | 6 | 10 | - |
| allows Barking - - - N. | 9,059 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ad Street *H* - - - N. | 2,892 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| *of London Asylum, Stone* - - | †*388* | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| EAST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| reditch South *Hl* - E. & N. | 17,975 | 10 | 2 | 1 | - | - | - | - | - | - | - | - | - | 1 | - | - | 1 | - |
| kton New Town *w* - - N. | 29,575 | 15 | 17 | 4 | 7 | - | 1 | - | - | - | - | - | - | 1 | - | 3 | 7 | - |
| kton Old Town - - - N. | 27,645 | 7 | 9 | 6 | - | - | - | - | - | - | - | - | - | 4 | - | - | - | - |
| ggerston *WH* - - N. & E. | 47,163 | 33 | 24 | 7 | 6 | - | - | - | - | - | - | 1 | - | 2 | 1 | 2 | 13 | - |
| hnal Green North *H* - E. | 49,301 | 44 | 16 | 6 | 2 | - | - | - | 1 | - | - | - | - | - | - | - | - | - |
| hnal Green South - - E. | 34,194 | 26 | 5 | 2 | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| hnal Green East *WHl* - E. | 45,667 | 32 | 26 | 5 | 5 | - | 1 | - | - | - | - | - | - | 1 | - | 1 | 12 | - |
| talfields - - - E. & N. | 26,681 | 7 | 9 | 3 | 5 | - | - | - | - | - | - | - | - | - | - | 2 | - | - |
| e End New Town *W* - E. | 12,816 | 17 | 10 | 2 | 3 | - | - | - | - | - | - | - | - | - | - | - | 5 | - |
| itechapel Church *H* - E. & N. | 25,561 | 15 | 26 | 4 | 1 | - | - | - | 1 | - | - | 1 | - | - | 4 | 6 | 21 | - |
| odman's Fields - - - E. | 13,618 | 9 | 4 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| George's North - - - E. | 39,576 | 27 | 11 | 7 | - | - | - | - | - | - | - | - | - | - | 1 | 2 | - | - |
| John, St. George East *W* E. | 7,930 | 9 | 7 | 2 | 2 | - | - | - | - | - | - | - | - | - | 1 | 2 | 4 | - |
| adwell *H* - - - E. & N. | 10,434 | 7 | 16 | 9 | 1 | - | - | - | 1 | - | - | - | - | 6 | - | - | 12 | - |
| tcliff *W* - - - - E. | 14,954 | 9 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - |
| nehouse - - - - E. | 32,917 | 16 | 11 | 7 | 1 | - | - | - | - | 1 | - | - | - | 1 | 1 | 1 | - | - |
| le End Old Town West *H* E. | 111,060 | 40 | 16 | 6 | 2 | - | - | - | 2 | - | - | - | - | - | - | 2 | - | - |
| le End Old Town East *WWww* - E. | | 38 | 22 | 5 | 10 | - | 1 | - | - | - | - | - | - | 2 | 1 | 2 | 7 | - |
| w *l* - - - - E. | 41,687 | 29 | 13 | 4 | 1 | - | - | - | - | - | - | - | - | 2 | 1 | 4 | - | - |
| omley *wwwH* - - - E. | 69,821 | 41 | 43 | 16 | 8 | - | - | - | - | - | - | - | - | 4 | 2 | 4 | 15 | - |
| plar *WW* - - - - E. | 57,759 | 50 | 24 | 13 | 1 | - | - | - | - | - | - | - | - | 3 | 2 | 5 | - | - |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX ME SCARLET FEVER. DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA. VIOLENCE. &c., registered in SUB-DISTRICT during the Week ending Saturday, 8th October, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WH*L.&S. | 13,064 | 5 | 3 | – | 2 | – | – | – | – | – | – | – | – | – | – | – |
| St. Saviour Southwark - - S. | 12,301 | 5 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | 1 | 2 |
| Kent-road - - - - S. & L. | 22,879 | 27 | 9 | 6 | 1 | – | – | – | – | 1 | – | – | – | 1 | 1 | 1 |
| Borough-road *WH* - S. & L | 16,083 | 11 | 10 | 6 | – | – | – | – | – | 1 | – | – | – | 2 | 1 | 2 |
| London-road *HL* - - L. & S. | 21,316 | 14 | 5 | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 |
| Trinity Newington - - S. & L. | 28,723 | 18 | 7 | 3 | – | – | – | – | – | – | – | – | – | 2 | – | – |
| St. Peter Walworth *W* - S. & L. | 62,045 | 44 | 21 | 12 | 1 | – | – | 1 | 1 | – | – | – | – | 5 | – | 1 |
| St. Mary Newington- - L. & S. | 30,171 | 19 | 10 | 5 | – | – | – | – | – | – | – | – | – | 2 | – | 1 |
| St. Olave *WH*- - - - S. | 11,731 | 9 | 18 | 1 | 1 | – | – | – | – | 1 | – | – | – | 1 | 5 | 5 | 1 |
| Bermondsey* *W* - - - S. | 85,475 | 51 | 25 | 11 | 4 | – | – | – | – | 2 | – | – | – | 3 | 1 | 3 | |
| Rotherhithe *WwH* - S. & K. | 40,379 | 21 | 17 | 1 | 5 | – | – | – | – | – | – | – | – | – | 1 | 1 | 1 |
| Waterloo-road *HH* - L. & S. | 28,396 | 23 | 9 | 2 | – | – | – | – | – | – | – | – | – | 3 | – | – | |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 14 | 14 | 2 | – | – | – | – | – | – | – | – | – | 1 | – | – | 1 |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 24 | 23 | 4 | 6 | – | – | – | – | – | – | – | – | – | 1 | 1 | 1 |
| Kennington 1st *H* - - S. & L. | 52,486 | 42 | 15 | 8 | 3 | – | 1 | – | – | 1 | – | – | – | 1 | – | – | |
| Kennington 2nd - - S. & L. | 43,244 | 26 | 8 | 3 | – | – | – | – | – | – | – | – | – | 1 | – | – | |
| Brixton *w* - - - L. & S. | 81,825 | 47 | 33 | 10 | 8 | – | – | – | 3 | – | – | – | – | 2 | 2 | 3 | |
| Norwood *WH*- - - - L. | 29,318 | 12 | 6 | 3 | 2 | – | – | – | – | – | – | – | – | 1 | 1 | 1 | |
| East Battersea - - - - S. | 71,730 | 45 | 16 | 7 | – | – | – | – | 1 | – | – | – | – | 3 | – | – | |
| West Battersea *WwH* - - S | 93,385 | 50 | 29 | 8 | 11 | – | – | – | – | – | – | – | – | 2 | 1 | 1 | |
| Clapham *H* - - - - S. | 46,953 | 17 | 12 | 1 | 5 | – | – | – | – | – | – | – | – | – | – | – | |
| Wandsworth *WHHL* - - S. | 58,101 | 30 | 10 | 2 | 2 | – | – | – | 1 | – | – | – | – | 2 | 1 | 1 | |
| Putney - - - - - S. | 20,566 | 8 | 3 | 2 | – | – | – | – | – | 1 | – | – | – | – | – | – | |
| Streatham *WwwL* - - L. | 61,644 | 37 | 17 | 6 | 3 | – | – | 1 | 1 | – | – | – | – | 3 | 1 | 1 | |
| Dulwich - - - - L. & S. | 7,519 | 1 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | |
| Camberwell *Wwll* - S. & L. | 90,286 | 51 | 45 | 9 | 23 | – | – | – | – | – | – | – | – | 6 | – | 1 | 22 |
| Peckham *WW* - S., L., & K. | 88,242 | 62 | 26 | 13 | 3 | – | 1 | – | – | – | – | – | – | 6 | – | 1 | |
| St. George Camberwell - L. & S. | 67,029 | 48 | 12 | 9 | 1 | – | – | – | – | – | – | – | – | 1 | – | – | |
| Deptford North - - - K. | 36,152 | 28 | 15 | 10 | 1 | – | – | – | – | 1 | – | – | – | 1 | 1 | 1 | |
| Deptford Central *w* - - K. | 45,441 | 40 | 28 | 11 | 3 | – | – | 1 | 4 | – | – | – | – | 3 | – | 1 | 6 |
| Deptford South - - - K. | 33,402 | 11 | 7 | 2 | 3 | – | – | – | – | – | – | 1 | – | 2 | – | – | |
| Greenwich West *H* - - K. | 23,012 | 18 | 8 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | |
| Greenwich East *WH* - - K. | 37 767 | 22 | 27 | 8 | 9 | – | – | – | – | 1 | – | – | – | – | 1 | 2 | 12 |
| Eltham *wH* - - - - K. | 5,911 | 2 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | |
| Lee *H* - - - - - K. | 24,222 | 8 | 9 | 3 | 3 | – | – | – | – | 1 | – | – | – | – | – | – | |
| Lewisham *WwH* - - - K. | 38,139 | 32 | 22 | 7 | 7 | – | – | – | 1 | – | – | – | – | 4 | – | 1 | 11 |
| Sydenham *H* - - - - L. | 37,601 | 19 | 12 | 8 | 2 | – | – | – | – | – | – | – | – | 3 | – | 1 | 1 |
| Charlton *wHH* - - K. | 15,928 | 6 | 9 | 3 | – | – | – | – | 2 | 1 | – | – | – | – | 1 | 1 | 5 |
| Woolwich Dockyard - - K. | 19,355 | 7 | 3 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 15 | 6 | – | 2 | – | – | – | – | – | – | – | – | – | 1 | – | |
| Plumstead West *H* - - K. | 16,714 | 5 | 6 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | – | |
| Plumstead East *WH* - - K. | 42,538 | 23 | 20 | 7 | 4 | – | – | – | – | – | – | – | – | 2 | – | – | 5 |
| Banstead Asylum - - - - | — | – | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 2 |
| Caterham Asylum - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Cane Hill Asylum - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Hospital Ships and Camp, Dartford | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Darenth Asylum - - - - | — | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | 2 |
| London County Asylum, Dartford Heath - - - - - - | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | 1 |
| Hanwell Asylum - - - - | — | – | 6 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 6 |
| Colney Hatch Asylum - - - | — | – | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 3 |
| N.E. Hospital - - - - - | — | – | 1 | – | – | – | – | 1 | – | – | – | – | – | – | – | – | 1 |
| Winchmore Hill Hospital - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Leavesden Asylum - - - - | — | – | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – | 3 |
| Claybury Asylum - - - - | — | – | 6 | – | 3 | – | – | – | – | – | – | – | – | – | – | – | 6 |

* The two Sub-Districts of Leather Market and St. James Bermondsey were united on 1st September, and called Bermondsey.

6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, OSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week nding Saturday, 8th October, 1898.

| REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years & upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NDON—OUTER RING | 368,749 | 1,422,063 | 1027 | 545 | 208 | 104 | – | 2 | 2 | 10 | 13 | 8 | 67 | 10 | 30 | 58 | 2 |
| Carshalton *wHH* | 12,228 | 26,108 | 9 | 5 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Epsom, *part of** *WwHH* | 10,423 | 12,508 | 7 | 2 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Godstone, *part of** *W* | 2,754 | 1,598 | 3 | 2 | 2 | – | – | – | – | – | – | – | 2 | – | – | – | – |
| Croydon *WwHHH* | 20,851 | 128,699 | 71 | 38 | 9 | 12 | – | – | – | – | – | 1 | 5 | – | 3 | 7 | – |
| Mitcham *w* | 11,697 | 23,088 | 15 | 6 | 3 | 1 | – | – | – | – | – | – | 1 | – | – | – | 1 |
| Wimbledon *HHH* | 3,220 | 25,761 | 11 | 8 | 3 | 5 | – | – | – | – | – | – | – | – | – | – | – |
| Kingston *W* | 14,672 | 33,566 | 18 | 12 | 4 | 1 | – | – | – | – | – | – | 3 | 1 | 1 | 3 | – |
| Surbiton *H* | | 12,178 | 7 | 3 | 1 | 1 | – | – | – | – | – | – | 1 | – | – | – | – |
| Esher, *part of** *HH* | | 11,080 | 10 | 3 | 1 | – | – | – | – | 1 | 1 | – | – | – | – | – | – |
| Hampton *HL* | 4,565 | 18,252 | 9 | 3 | – | – | – | – | – | – | – | – | – | 1 | 2 | – | – |
| Richmond *WH* | 2,160 | 25,389 | 11 | 10 | 3 | 1 | – | – | – | – | – | – | – | – | – | 6 | – |
| Mortlake *H* | 2,823 | 16,159 | 12 | 2 | 1 | – | – | – | – | – | – | – | – | – | 1 | – | – |
| Bromley *HHH* | 9,127 | 23,815 | 14 | 6 | 2 | 3 | – | – | – | – | 1 | – | 1 | – | – | – | – |
| Beckenham *H* | 6,542 | 21,969 | 11 | 7 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 8 | 10 | 6 | 3 | – | – | – | – | – | – | – | – | – | 1 | – |
| Bexley *HHH* | 12,540 | 30,590 | 32 | 12 | 6 | 3 | – | – | – | – | – | – | 1 | – | – | – | – |
| Dartford *WH, part of** | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Sunbury *w* | 11,054 | 13,671 | 16 | 6 | 2 | 1 | – | – | – | – | 1 | – | 1 | – | – | – | – |
| Staines *WH* | 13,277 | 13,221 | 13 | 3 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Hillingdon *WHH* | 6,035 | 12,237 | 11 | 6 | 1 | 1 | – | – | – | 1 | – | – | 1 | – | – | 1 | – |
| Uxbridge | 12,757 | 7,253 | 4 | 4 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| Hayes *wH* | 7,952 | 11,051 | 5 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Isleworth *WHH* | 6,967 | 26,004 | 20 | 9 | 3 | 4 | – | – | – | – | – | – | 1 | – | – | 2 | – |
| Twickenham *HH* | 2,415 | 16,027 | 13 | 6 | 3 | 2 | – | – | – | – | – | – | 1 | – | – | – | – |
| Brentford *HHHH* | 4,318 | 37,777 | 27 | 10 | 4 | 3 | – | – | – | – | – | – | 2 | 1 | 1 | – | – |
| Chiswick | 1,245 | 21,963 | 14 | 7 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Acton *wHH* | 6,132 | 30,945 | 14 | 11 | 5 | 1 | – | – | – | – | – | – | 4 | – | – | – | – |
| Harrow *HHH* | 13,809 | 15,715 | 10 | 8 | 3 | 1 | – | – | – | – | 2 | – | 1 | 1 | 1 | – | – |
| Edgware *HH* | 6,994 | 3,844 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Willesden *HHH* | 4,383 | 61,265 | 64 | 27 | 14 | 4 | – | – | – | – | – | 1 | 3 | – | – | – | – |
| Hendon *WH* | 8,382 | 15,843 | 13 | 8 | 4 | 1 | – | – | – | – | – | – | – | – | – | 1 | – |
| South Mimms *HH* | 21,077 | 6,367 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Barnet *WHH* | | 14,152 | 4 | 2 | 1 | 1 | – | – | – | – | 1 | – | – | – | – | – | – |
| Finchley *HHH* | 4,688 | 25,820 | 10 | 9 | 2 | 3 | – | – | – | – | – | 1 | – | – | 2 | – | – |
| Hornsey *HH* | 3,039 | 61,097 | 23 | 17 | 7 | 6 | – | – | – | 1 | – | – | 2 | – | – | 1 | – |
| Tottenham *HH* | 4,642 | 97,174 | 65 | 36 | 16 | 3 | – | 1 | – | – | 2 | 1 | – | 2 | 6 | 2 | – |
| Edmonton *Www* | 7,489 | 36,351 | 29 | 19 | 4 | – | – | – | – | – | – | 1 | 3 | – | 1 | 5 | – |
| Enfield *WWHH* | 12,602 | 31,536 | 22 | 10 | 3 | 2 | – | – | 1 | – | – | – | – | – | – | 3 | – |
| Waltham Abbey | 11,017 | 6,066 | 3 | 1 | 1 | – | – | – | – | – | – | – | 1 | – | – | – | – |
| Cheshunt *H* | 8,480 | 9,620 | 8 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| Hatfield, *part of** *W* | 3,306 | 582 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Bushey *H* | 9,331 | 7,737 | 6 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Watford *WH, part of** | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Stratford *H* | 4,706 | 38,612 | 38 | 17 | 8 | 2 | – | 1 | – | 1 | – | – | 4 | 1 | 2 | 1 | – |
| Plaistow *WHHH* | | 53,030 | 47 | 25 | 9 | 3 | – | – | 1 | 1 | 1 | – | 3 | | – | 1 | – |
| Canning Town *H* | | 54,750 | 55 | 29 | 9 | 1 | – | – | – | 1 | – | 1 | 4 | | – | 2 | 1 |
| Forest Gate *w* | | 53,511 | 43 | 18 | 7 | 1 | – | – | – | 2 | 2 | | 1 | – | – | – | – |
| East Ham *wH* | 3,266 | 32,713 | 44 | 25 | 13 | 5 | – | – | – | – | 1 | – | 5 | – | 3 | – | – |
| Leyton *WWWwH* | 4,334 | 70,188 | 55 | 49 | 16 | 10 | – | – | – | – | – | 2 | 8 | – | 3 | 17 | – |
| Walthamstow *HHL* | 6,501 | 57,330 | 53 | 26 | 12 | 7 | – | – | – | 1 | 1 | – | 2 | 2 | 2 | 3 | |
| Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 6 | 6 | 1 | 4 | – | – | – | – | – | – | 2 | 1 | 1 | – | – |
| Epping *WH, part of** | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Romford, *part of** *WH* | 6,556 | 4,324 | 4 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Ilford | 8,493 | 10,913 | 14 | 3 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Barking Town, *H* | 3,814 | 14,301 | 16 | 13 | 8 | 1 | – | – | – | – | – | – | 4 | – | 1 | – | – |
| Homerton Fever Hosp. | — | — | – | 1 | – | – | – | – | – | 1 | – | – | – | – | – | 1 | – |
| Middlesex Co. Lunatic Asy., Wandsworth. | — | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |

The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring as follows:—30 : 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37 : 1, the parishes of Warlingham Farley in Godstone sub-district; 39 : 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41 : 3, Chislehurst -district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135 : 1, the parish of Northaw in tfield sub-district; 187 : 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping p. 1,079); 189 : 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for ectious Diseases belonging to the Outer Ring in 42 : 2, Dartford; 137 : 2, Watford; and 187 : 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday. 8th October, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | ANNUAL RATE of MORTALITY per 1000 living. From All Causes. | From Diseases in Cols. 8-14. | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. |
| GREATER LONDON | **443,421** | **6,408,321** | **17·6** | **2·5** | **2165** | **706** | **474** | **–** | **9** | **9** | **44** | **31** | **14** | **205** | **86** |
| INNER LONDON - | 74,672 | 4,504,766 | 18·8 | 2·4 | 1620 | 498 | 370 | – | 7 | 7 | 34 | 18 | 6 | 138 | 76 |
| OUTER RING - | 368,749 | 1,903,555 | 14·9 | 2·8 | 545 | 208 | 104 | – | 2 | 2 | 10 | 13 | 8 | 67 | 10 |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalen the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

| CITIES | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of Stillborn | DEATHS. Exclusive of Stillborn | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM PRINCIPAL ZYMO DISEASES. Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 295,628 | October 8 | 147 | 113 | 19·9 | – | – | – | 1 | 6 | – |
| GLASGOW - - | 724,349 | „ 8 | 507 | 281 | 20·2 | – | 4 | 9 | 4 | 10 | 10 |
| DUBLIN - - | 349,594 | „ 8 | 167 | 155 | 23·1 | – | – | – | – | 3 | 2 |
| CALCUTTA - - | 466,460 | September 3 | – | – | – | – | – | – | – | – | – |
| BOMBAY - - | 821,764 | „ 20 | 261 | 717 | 45·4 | – | – | ? | ? | ? | 214† |
| MADRAS - - | 452,518 | „ 9 | 424 | 520 | 59·7 | 1 | 8 | ? | ? | ? | 176 |
| PARIS - - - | 2,511,629 | October 1 | 1095 | 873 | 18·1 | – | 3 | 2 | 2* | 13 | 8 |
| BRUSSELS - - | 531,024 | „ 1 | 240 | 175 | 16·5 | – | 2 | – | – | 1 | 2 |
| AMSTERDAM - | 508,266 | September 24 | 302 | 174 | 17·8 | – | – | – | 1 | 4 | 2 |
| ROTTERDAM - | 301,816 | „ 24 | 213 | 132 | 22·4 | – | – | – | – | 1 | 3 |
| THE HAGUE - | 196,325 | „ 24 | 110 | 96 | 25·4 | – | – | – | 1 | 2 | – |
| COPENHAGEN - | 340,500 | October 1 | 186 | 118 | 18·1 | – | – | – | 3 | 5 | – |
| STOCKHOLM - | 274,611 | September 24 | 163 | 82 | 15·0 | – | – | – | 4* | 1 | – |
| CHRISTIANIA - | 192,141 | October 1 | – | 75 | 19·2 | – | 1 | – | – | – | – |
| ST. PETERSBURG | 954,400 | „ 1 | 680 | 487 | 26·6 | – | 3 | 17 | 26 | 12 | 12 |
| MOSCOW - - | 988,610 | September 24 | – | 467 | 24·6 | 2 | 1 | 6 | 8 | 5 | 8 |
| BERLIN - - | 1,753,775 | „ 17 | 893 | 762 | 22·4 | 1 | 3 | 6 | 11 | 7 | 5 |
| HAMBURG - - | 661,015 | October 1 | – | 291 | 22·9 | – | – | 2 | 1* | 4 | 2 |
| DRESDEN - - | 377,500 | September 17 | 282 | 149 | 20·2 | – | 2 | – | 1* | 2 | – |
| BRESLAU - - | 392,795 | October 1 | – | 185 | 24·6 | – | 1 | 4 | 3 | 1 | – |
| MUNICH - - | 430,000 | „ 1 | – | 236 | 28·5 | – | – | 3 | 3* | 3 | 1 |
| VIENNA - - | 1,574,129 | „ 1 | 887 | 567 | 18·5 | – | 5 | 2 | 8* | – | 4 |
| PRAGUE - - | 377,109 | „ 1 | 199 | 151 | 20·6 | – | 1 | 10 | 2 | – | 1 |
| BUDA-PESTH - | 648,104 | September 24 | 491 | 317 | 25·4 | – | 5 | 7 | 6 | – | 7 |
| TRIESTE - - | 164,491 | „ 24 | 122 | 96 | 29·9 | – | – | 2 | 1* | – | 2 |
| ROME - - - | 489,965 | „ 10 | 217 | 133 | 14·2 | – | – | – | 1 | – | 7§ |
| TURIN (10 days) | 344,203 | „ 10 | 178 | 134 | 14·2 | – | – | – | – | – | 5 |
| VENICE - - | 167,074 | „ 24 | – | – | – | – | – | – | – | – | – |
| CAIRO - - | 570,062 | July 15 | 358 | 610 | 55·6 | – | 87 | – | – | – | 40 |
| ALEXANDRIA - | 319,766 | „ 15 | 182 | 207 | 33·7 | 2 | – | – | 1* | 1 | 6 |
| NEW YORK (including BROOKLYN) | 3,438,899 | September 17 | 1629 | 1333 | 20·2 | – | 2 | 7 | 18 | 15 | 44 |
| PHILADELPHIA - | 1,240,266 | „ 17 | – | 362 | 15·2 | – | – | – | 16 | 7 | 15 |

* Including eaths from croup.
† Including 126 deaths from bubonic fever.
‡ Including 52 deaths from cholera.
§ Including 3 deaths from malarial fever.

TABLE 9.—METEOROLOGICAL OBSERVATIONS [*Under the Superintendence of the Astronomer Royal.*]

| 1898. Month and Day | Phases of the Moon. | Barometer. Mean daily reading (corrected and reduced to 32° Fahrenheit). | Temperature. Of the Air. Highest. | Temperature. Of the Air. Lowest. | Temperature. Of the Air. Daily Range. | Temperature. Of the Air. Mean daily value. | Temperature. Of the Air. Departure from Average of 50 years. | Temperature. Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Difference. Greatest. | Difference. Least. | Degree of Humidity (Saturation equals 100). | Temperature. Of Radiation. Highest in Sun's Rays. | Temperature. Of Radiation. Lowest on the Grass. | Temperature. Of the Earth 3 feet below the Surface. | Wind as deduced from Anemometers. Osler's. General Direction. A.M. | Osler's. General Direction. P.M. | Osler's. Pressure on the Square Foot. Greatest. | Osler's. Pressure on the Square Foot. Least. | Osler's. Pressure on the Square Foot. Mean of 24 hourly obs. | Robinson's. Horizontal Movement of the Air on each Day. | Robinson's. Departure from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCTOBER | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| SUNDAY - 2 | .. | 30·153 | 65·9 | 37·9 | 28·0 | 51·8 | − 2·0 | 46·1 | 5·7 | 16·0 | 1·2 | 81 | 120·9 | 35·2 | 59·22 | Calm & ENE. | E., ENE. & NE. | 1·0 | 0·0 | 0·0 | 127 | −123 | 0·00 | 0·0 |
| MONDAY - 3 | .. | 30·126 | 69·2 | 42·3 | 26·9 | 57·4 | + 3·9 | 47·7 | 9·7 | 23·2 | 2·0 | 70 | 130·2 | 38·0 | 59·00 | NE.& ENE. | E. & ENE. | 3·0 | 0·0 | 0·3 | 261 | + 13 | 0·00 | 0·0 |
| TUESDAY - 4 | .. | 30·150 | 61·3 | 57·1 | 4·2 | 58·8 | + 5·6 | 54·6 | 4·2 | 6·3 | 2·1 | 86 | 72·0 | 54·2 | 58·70 | ENE. | ENE. | 3·6 | 0·0 | 0·4 | 352 | +105 | 0·00 | 0·0 |
| WEDNESDAY 5 | Greatest Dec. N. | 30·042 | 59·6 | 56·9 | 2·7 | 57·8 | + 4·8 | 54·9 | 2·9 | 5·1 | 0·9 | 90 | 65·3 | 56·0 | 58·80 | ENE. | E. & ENE. | 2·8 | 0·0 | 0·2 | 282 | + 37 | 0·00 | 0·0 |
| THURSDAY- 6 | .. | 29·916 | 61·2 | 54·4 | 6·8 | 57·8 | + 4·6 | 54·8 | 2·5 | 6·3 | 0·6 | 91 | 74·0 | 54·0 | 58·88 | ENE. & E. | ENE. & E. | 1·2 | 0·0 | 0·1 | 231 | − 13 | 0·01 | 0·0 |
| FRIDAY - 7 | Apogee | 29·828 | 59·9 | 53·4 | 6·5 | 55·9 | + 3·4 | 51·2 | 4·7 | 7·6 | 1·8 | 84 | 78·1 | 53·2 | 58·96 | ENE.& NE. | ESE. & E. | 1·1 | 0·0 | 0·0 | 163 | − 80 | 0·01 | 0·0 |
| SATURDAY- 8 | Last Qr. .. | 29·785 | 59·7 | 48·7 | 11·0 | 53·4 | + 1·3 | 45·0 | 8·4 | 14·4 | 4·2 | 73 | 91·0 | 42·7 | 58·90 | ESE. & E. | E., ENE. & NE. | 2·8 | 0·0 | 0·1 | 192 | - 51 | 0·00 | 0·0 |
| MEANS - - | | 30·000 | 62·4 | 50·1 | 12·3 | 56·1 | + 3·1 | 50·6 | 5·4 | 11·3 | 1·8 | 82 | 90·2 | 47·6 | 58·92 | ENE. | | .. | .. | .. | Sum 1608 | Sum −112 | Sum 0·02 | 0·0 |
| No. of Column - | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| DATE. OCTOBER | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | GENERAL REMARKS. |
|---|---|---|---|---|
| SUNDAY - 2 | m. P. throughout - | 8·5 | 11·5 | Generally cloudless; a very fine day. Foggy in morning. |
| MONDAY - 3 | w. P. generally - | 8·7 | 11·4 | Generally cloudless till 5h. P.M.; cloudy afterwards. Fog in early morning. |
| TUESDAY - 4 | w. P. throughout - | 0·1 | 11·4 | Generally overcast. A little misty rain at times. |
| WEDNESDAY 5 | w. P. throughout - | 0·0 | 11·3 | Overcast. Slight misty rain in morning. |
| THURSDAY- 6 | w. P. throughout - | 0·0 | 11·2 | Overcast. Frequent thin rain between 3h. P.M. and 9h. P.M. |
| FRIDAY - 7 | w. P. throughout - | 0·0 | 11·2 | Overcast. Slight rain in early morning. |
| SATURDAY- 8 | w. P. till 6h. P.M.; m. P. afterwards. | 1·0 | 11·1 | Overcast till noon; fine and partially cloudy afterwards. |
| | | Sum 18·3 | Sum 79·1 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 23, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased from 30·17 in. at the beginning of the week to 30·09 in. by 5h. P.M. on the 3rd; increased to 30·16 in. by 11h. A.M. on the 4th; decreased to 29·76 in. by 6h. A.M. on the 8th; and increased to 29·83 in. by the end of the week.

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OFFICIAL COPY.

# WEEKLY RETURN
OF
# BIRTHS AND DEATHS IN LONDON
AND IN
## THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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No. 41. 1898. Vol. LIX.] WEEK ENDING SATURDAY, OCT. 15. [Price 1½*d*.

*General Register Office, Somerset House,*
*October 17th*, 1898.

### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 19·0 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| Towns. | Weeks ending Sept. 24. | Oct. 1. | Oct. 8. | Oct. 15. | Towns. | Weeks ending Sept. 24. | Oct. 1. | Oct. 8. | Oct. 15. |
|---|---|---|---|---|---|---|---|---|---|
| 33 Great Towns | 23·6 | 21·8 | 20·5 | 19·0 | Leicester - - | 18·5 | 16·5 | 18·5 | 14·5 |
| Birkenhead - | 23·5 | 19·3 | 18·0 | 13·8 | Liverpool - - | 29·0 | 28·5 | 29·0 | 21·9 |
| Birmingham - | 22·6 | 23·9 | 19·9 | 20·7 | London - - - | 21·6 | 19·7 | 18·8 | 18·5 |
| Blackburn - | 23·9 | 19·6 | 19·6 | 20·0 | Manchester - - | 32·4 | 28·1 | 25·7 | 25·1 |
| Bolton - - | 29·4 | 23·4 | 21·7 | 17·0 | Newcastle-on-Tyne | 28·5 | 26·4 | 24·3 | 23·6 |
| Bradford - | 21·9 | 21·6 | 19·6 | 17·4 | Norwich - - | 26·1 | 25·7 | 27·5 | 28·5 |
| Brighton - | 24·3 | 22·6 | 14·9 | 10·2 | Nottingham - - | 23·8 | 20·8 | 16·1 | 16·3 |
| Bristol - | 22·2 | 17·6 | 17·6 | 16·8 | Oldham - - | 21·8 | 20·0 | 24·3 | 17·6 |
| Burnley - | 25·2 | 19·5 | 20·5 | 16·2 | Plymouth - - | 19·5 | 21·0 | 23·1 | 18·4 |
| Cardiff - - | 21·1 | 15·5 | 12·6 | 13·2 | Portsmouth - - | 15·9 | 19·0 | 15·6 | 13·1 |
| Croydon - | 21·8 | 13·8 | 12·2 | 11·7 | Preston - - | 23·3 | 22·9 | 24·2 | 15·7 |
| Derby - - | 18·9 | 20·9 | 18·9 | 13·9 | Salford - - - | 35·8 | 35·5 | 27·6 | 25·6 |
| Gateshead - | 38·7 | 33·7 | 23·1 | 18·1 | Sheffield - - | 26·0 | 25·5 | 24·9 | 20·5 |
| Halifax - | 18·9 | 24·3 | 20·5 | 15·1 | Sunderland - - | 37·0 | 32·3 | 30·4 | 25·7 |
| Huddersfield - | 20·4 | 17·3 | 17·3 | 18·3 | Swansea - - | 16·4 | 17·9 | 19·4 | 22·5 |
| Hull - - | 31·5 | 28·8 | 24·3 | 24·0 | West Ham - - | 16·2 | 16·4 | 17·8 | 15·3 |
| Leeds - - | 20·4 | 19·9 | 18·6 | 19·6 | Wolverhampton - | 26·1 | 23·7 | 24·3 | 20·1 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·1 in Sunderland and 4·2 in Norwich; from *scarlet fever*, 1·0 in Derby; from *whooping-cough*, 1·1 in Halifax; from "*fever*," 1·1 in Sunderland and 1·2 in Salford; and from *diarrhœa*, 3·4 in Bolton and in Salford. 3·6 in Manchester, 4·3 in Sunderland, 5·2 in Hull, and 6·1 in Norwich. The 74 deaths from *diphtheria* included 41 in London, 8 in Leeds, 3 in West Ham, 3 in Cardiff, 3 in Swansea, 3 in Birmingham, and 3 in Sheffield. One death from *small-pox* was registered in London, but not one in any other of the thirty-three towns.

### LONDON.

In LONDON† 2454 BIRTHS and 1600 DEATHS were registered. Allowing for increase of population, the births were 194 below, and the deaths 126 above, the average numbers in the corresponding weeks of the last ten

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

years. The annual death-rate per 1000 from all causes, which had been 21·6, 19·7, and 18·8 in the preceding three weeks, further fell last week to 18·5. During the four weeks ending on Saturday last the death-rate averaged 19·7 per 1000, being 3·1 per 1000 above the mean rate in the corresponding periods of the ten years 1888–97.

The 1600 deaths included 1 from small-pox, 9 from measles, 7 from scarlet fever, 41 from diphtheria, 17 from whooping-cough, 18 from enteric fever, 99 from diarrhœa and dysentery, 1 from cholera, and not one death from typhus, or from any ill-defined form of continued fever; thus, 193 deaths were referred to these diseases, being 5 above the corrected average weekly number.

The death from *small-pox* occurred in the Invalid Asylum at Stoke Newington, and was that of a domestic servant aged 43 years, who was stated to have resided in Pimlico. The deaths from *measles*, which had been 12, 10, and 7 in the preceding three weeks, rose again last week to 9, but were 18 below the corrected average. The deaths from *scarlet fever*, which had been 9, 10, and 7 in the preceding three weeks, were again 7 last week, the corrected average being 23. The deaths from *diphtheria*, which had been 29, 33, and 34 in the preceding three weeks, further rose last week to 41, but were 8 below the corrected average; 5 cases belonged to Battersea, 4 to St. Pancras, 3 to Hackney, 3 to Bethnal Green, 3 to Poplar, 3 to Wandsworth, and 3 to Camberwell sanitary areas. The deaths from *whooping-cough*, which had been 31, 29, and 18 in the preceding three weeks, further fell last week to 17, and were 2 below the corrected average; 5 cases belonged to Lambeth sanitary area. The fatal cases of *enteric fever*, which had been 9, 9, and 6 in the preceding three weeks, rose again last week to 18, the corrected average being 19; 4 cases belonged to St. Pancras sanitary area. The deaths from *diarrhœa*, which had been 347, 247, and 138 in the preceding three weeks, further fell last week to 99, but were 50 above the corrected average. The deaths referred to diseases of the respiratory organs, which had been 157, 200, and 226 in the preceding three weeks, further rose last week to 263, and were 12 above the corrected average. The deaths attributed directly to *influenza* numbered 9, having been 4, 5, and 4 in the preceding three weeks.

Different forms of violence caused 56 deaths, concerning all of which inquests were held. Of these 56 deaths, 6 were cases of suicide, and 3 of homicide, while the remaining 47 were attributed to accident or negligence. Four of these were referred to vehicles in the streets, 4 to drowning, and 10 (including 9 of infants under one year of age) to suffocation in bed.

## Cases of Infectious Sickness in Hospitals.*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2728 cases of scarlet fever, 1125 of diphtheria, and 191 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 357 cases, against 288, 300, and 358; of diphtheria, 183 cases, against 155, 197, and 180; and of enteric fever, 38 cases, against 26, 36, and 35.

## Greater London.

In Greater London 3397 births and 2060 deaths were registered, corresponding to annual rates of 27·6 and 16·8 per 1000 of the estimated population. In the Outer Ring 4 deaths from measles, 6 from diphtheria, 9 from whooping-cough, 6 from "fever," and 34 from diarrhœa were registered. Three deaths from measles, 4 from diphtheria, 4 from whooping-cough, and 4 from "fever" occurred in West Ham district.

## Meteorology.

The mean reading of the Barometer last week at Greenwich was 29·64 inches, and that of the Thermometer 49·5; the latter being 1·2 below the week's average in the 50 years 1841–90. The direction of the wind was variable, the horizontal movement of the air being 29 per cent. below the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 12·5 hours; the measured rainfall amounted to 0·42 of an inch.

* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Registered during the Week ending 15th October 1898. Births. | Deaths. | Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Rate per 1000, corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6-12. | Highest. (Fahrenheit.) | Lowest. (Fahrenheit.) | Mean. Fahrenheit. | Mean. Centigrade. | Rainfall. In Inches. | Rainfall. In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| 33 Towns - | **11,218,378** | **6442** | **4091** | **1246** | **819** | **1** | **43** | **22** | **74** | **38** | **63** | **377** | **133** | **297** | **859** | **39** | **19·0** | **2·9** | **62·2** | **33·0** | **48·7** | **9·28** | **0·28** | **0·71** | 33 Towns. |
| London - - | 4,504,766 | 2454 | 1600 | 415 | 382 | 1 | 9 | 7 | 41 | 17 | 18 | 99 | 56 | 145 | 491 | 7 | 18·5 | 2·2 | 60·5 | 42·0 | 49·5 | 9·72 | 0·42 | 1·07 | London. |
| West Ham - - | 286,654 | 176 | 84 | 34 | 9 | - | 3 | - | 3 | 1 | 4 | 7 | 3 | 6 | 12 | 1 | 15·3 | 3·3 | - | - | - | - | - | - | West Ham. |
| Croydon - - | 124,421 | 51 | 28 | 3 | 12 | - | - | - | - | - | - | - | - | 1 | 1 | - | 11·7 | - | 62·2 | 36·5 | 47·4 | 8·56 | 0·32 | 0·81 | Croydon. |
| Brighton - - | 122,310 | 67 | 24 | 8 | 8 | - | - | - | - | - | - | 3 | 2 | 3 | 4 | - | 10·2 | 1·3 | 60·8 | 41·8 | 51·1 | 10·61 | 0·15 | 0·38 | Brighton. |
| Portsmouth - | 186,618 | 109 | 47 | 12 | 11 | - | 3 | - | - | - | 1 | 2 | 1 | 5 | 9 | - | 13·1 | 1·7 | 59·5 | 38·5 | 50·7 | 10·39 | 0·24 | 0·61 | Portsmouth. |
| Plymouth - - | 99,136 | 55 | 35 | 11 | 11 | - | - | - | - | - | - | 4 | 1 | 2 | 5 | - | 18·4 | 2·1 | - | - | - | - | - | - | Plymouth. |
| Bristol - - | 316,900 | 195 | 102 | 31 | 27 | - | - | - | 1 | 1 | 1 | 12 | 6 | 11 | 19 | - | 16·8 | 2·5 | 59·0 | 35·0 | 47·4 | 8·56 | 0·52 | 1·32 | Bristol. |
| Cardiff - - | 177,770 | 104 | 45 | 20 | 3 | - | 1 | - | 3 | 2 | - | 3 | 1 | 1 | 4 | - | 13·2 | 2·6 | - | - | - | - | - | - | Cardiff. |
| Swansea - - | 102,001 | 63 | 44 | 11 | 7 | - | - | - | 3 | 1 | - | 2 | - | - | 3 | - | 22·5 | 3·1 | - | - | - | - | - | - | Swansea. |
| Wolverhampton | 88,051 | 56 | 34 | 11 | 10 | - | - | - | - | - | - | 3 | 1 | 2 | 2 | - | 20·1 | 1·8 | 56·5 | 34·5 | 46·6 | 8·11 | 0·38 | 0·97 | Wolverhampton. |
| Birmingham - | 516,343 | 350 | 203 | 66 | 36 | - | 2 | - | 3 | - | 2 | 21 | 10 | 12 | 42 | 5 | 20·7 | 2·9 | - | - | - | - | - | - | Birmingham. |
| Norwich - - | 111,699 | 68 | 61 | 21 | 13 | - | 9 | - | - | - | 2 | 13 | - | 2 | 6 | - | 28·5 | 11·2 | - | - | - | - | - | - | Norwich. |
| Leicester - - | 208,662 | 115 | 58 | 13 | 12 | - | - | 1 | 1 | - | 1 | 4 | 2 | 7 | 12 | - | 14·5 | 1·7 | - | - | - | - | - | - | Leicester. |
| Nottingham - | 236,137 | 153 | 74 | 26 | 16 | - | - | 1 | - | - | 2 | 9 | 5 | 7 | 14 | 3 | 16·3 | 2·6 | 60·6 | 37·8 | 49·6 | 9·78 | 0·04 | 0·10 | Nottingham. |
| Derby - - - | 104,834 | 53 | 28 | 8 | 3 | - | - | 2 | 1 | - | - | 3 | 1 | 2 | 3 | - | 13·9 | 3·0 | - | - | - | - | - | - | Derby. |
| Birkenhead - | 113,189 | 66 | 30 | 12 | 2 | - | - | - | 1 | - | - | 1 | 1 | 3 | 1 | 1 | 13·8 | 0·9 | - | - | - | - | - | - | Birkenhead. |
| Liverpool - - | 633,645 | 424 | 266 | 90 | 40 | - | 4 | 1 | 2 | 3 | 6 | 16 | 8 | 12 | 54 | 13 | 21·9 | 2·6 | 58·7 | 38·6 | 47·6 | 8·67 | 0·27 | 0·69 | Liverpool. |
| Bolton† - - | 122,495 | 62 | 40 | 9 | 6 | - | 1 | - | - | - | 2 | 8 | 1 | 1 | 3 | - | 17·0 | 4·7 | - | - | - | - | - | - | Bolton.† |
| Manchester - | 539,079 | 336 | 259 | 94 | 28 | - | 2 | 1 | - | 3 | 2 | 37 | 6 | 21 | 45 | 1 | 25·1 | 4·4 | - | - | - | - | - | - | Manchester. |
| Salford - - | 215,702 | 134 | 106 | 28 | 16 | - | 1 | 3 | 1 | 1 | 5 | 14 | 3 | 5 | 19 | - | 25·6 | 6·0 | - | - | - | - | - | - | Salford. |
| Oldham - - | 148,288 | 73 | 50 | 17 | 12 | - | - | - | - | - | - | 2 | 1 | 5 | 4 | - | 17·6 | 0·7 | - | - | - | - | - | - | Oldham. |
| Burnley - - | 109,546 | 58 | 34 | 9 | 3 | - | - | - | - | - | 1 | 4 | - | - | 3 | - | 16·2 | 2·4 | - | - | - | - | - | - | Burnley. |
| Blackburn - - | 133,228 | 59 | 51 | 18 | 11 | - | - | 1 | 1 | - | 1 | 4 | 2 | 3 | 3 | 1 | 20·0 | 2·7 | - | - | - | - | - | - | Blackburn. |
| Preston - - | 116,356 | 66 | 35 | 15 | 5 | - | - | - | - | 2 | 1 | 5 | 1 | 2 | 1 | - | 15·7 | 3·6 | - | - | - | - | - | - | Preston. |
| Huddersfield - | 102,454 | 51 | 36 | 11 | 10 | - | - | - | - | - | - | 3 | 1 | 1 | 4 | 2 | 18·3 | 1·5 | 58·5 | 38·0 | 47·3 | 8·50 | 0·20 | 0·51 | Huddersfield. |
| Halifax - - | 96,729 | 41 | 28 | 10 | 7 | - | - | - | - | 2 | 1 | 2 | - | - | - | 1 | 15·1 | 2·7 | - | - | - | - | - | - | Halifax. |
| Bradford - - | 233,737 | 116 | 78 | 28 | 11 | - | - | - | 1 | - | 3 | 9 | 4 | 5 | 8 | - | 17·4 | 2·9 | 60·2 | 43·4 | 51·5 | 10·83 | 0·25 | 0·63 | Bradford. |
| Leeds - - - | 416,618 | 240 | 157 | 56 | 23 | - | - | - | 8 | 3 | 2 | 17 | 4 | 10 | 20 | - | 19·6 | 3·8 | - | - | - | - | - | - | Leeds. |
| Sheffield - - | 356,478 | 238 | 140 | 52 | 26 | - | 3 | 2 | 3 | 1 | 3 | 20 | 3 | 7 | 16 | 3 | 20·5 | 4·7 | - | - | - | - | - | - | Sheffield. |
| Hull - - - | 229,887 | 127 | 106 | 42 | 20 | - | - | - | 1 | - | - | 23 | 2 | 5 | 12 | - | 24·0 | 5·4 | 58·0 | 33·0 | 47·1 | 8·39 | 0·24 | 0·61 | Hull. |
| Sunderland - | 143,849 | 97 | 71 | 22 | 13 | - | 3 | 2 | - | - | 3 | 12 | 3 | 5 | 14 | - | 25·7 | 7·2 | - | - | - | - | - | - | Sunderland. |
| Gateshead - - | 103,775 | 66 | 36 | 11 | 5 | - | 1 | - | - | 1 | - | 5 | - | - | 3 | 1 | 18·1 | 3·5 | - | - | - | - | - | - | Gateshead. |
| Newcastle - - | 223,021 | 119 | 101 | 32 | 21 | - | 1 | 1 | - | - | 2 | 10 | 4 | 6 | 22 | - | 23·6 | 3·3 | - | - | - | - | - | - | Newcastle. |

* See note * on first page of this return.

† The recent extension of the Borough of Bolton will not be taken into account in the Weekly Returns until 1899.

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the FORTY-FIRST Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2588 | 2595 | 2409 | 2508 | 2511 | 2434 | 2323 | 2622 | 2536 | 2633 | 2647·5 | 2454 |
| Males | 1330 | 1368 | 1190 | 1278 | 1278 | 1250 | 1184 | 1355 | 1344 | 1347 | 1360·0 | 1219 |
| Females | 1258 | 1227 | 1219 | 1230 | 1233 | 1184 | 1139 | 1267 | 1192 | 1286 | 1287·5 | 1235 |
| TOTAL **Deaths** | 1536 | 1321 | 1472 | 1321 | 1395 | 1477 | 1291 | 1435 | 1378 | 1381 | 1474·0 | 1600 |
| Males | 768 | 679 | 785 | 676 | 697 | 742 | 692 | 733 | 743 | 721 | 761·5 | 812 |
| Females | 768 | 642 | 687 | 645 | 698 | 735 | 599 | 702 | 635 | 660 | 712·5 | 788 |

*The numbers in this column are the average weekly numbers in the forty-first week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | July 23. | July 30. | Aug 6. | Aug. 13. | Aug. 20. | Aug. 27. | Sept. 3. | Sept. 10. | Sept. 17. | Sept. 24. | Oct. 1. | Oct. 8. | Oct. 15. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2505 | 2696 | 2335 | 2807 | 2489 | 2551 | 2650 | 2446 | 2499 | 2574 | 2614 | 2554 | 2454 |
| TOTAL **Deaths** | 1330 | 1452 | 1586 | 1772 | 2019 | 1856 | 1898 | 2007 | 1832 | 1863 | 1700 | 1620 | 1600 |
| Ages at Death: Under 1 year | 385 | 493 | 592 | 800 | 915 | 886 | 887 | 929 | 786 | 764 | 619 | 498 | 415 |
| 1—5 years | 152 | 175 | 198 | 212 | 233 | 222 | 203 | 244 | 211 | 202 | 195 | 182 | 180 |
| 5—20 " | 79 | 71 | 85 | 72 | 61 | 64 | 83 | 76 | 64 | 86 | 76 | 76 | 95 |
| 20—40 " | 152 | 181 | 158 | 151 | 172 | 157 | 189 | 200 | 178 | 204 | 185 | 180 | 204 |
| 40—60 " | 249 | 248 | 262 | 235 | 283 | 236 | 259 | 241 | 270 | 269 | 293 | 314 | 324 |
| 60—80 " | 254 | 226 | 238 | 255 | 295 | 243 | 226 | 256 | 269 | 266 | 288 | 291 | 307 |
| 80 year and upwards | 59 | 58 | 53 | 47 | 60 | 48 | 51 | 61 | 54 | 72 | 44 | 79 | 75 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox | – | – | – | – | – | – | – | – | – | – | – | – | 1 |
| Measles | 22 | 23 | 14 | 31 | 18 | 20 | 11 | 16 | 8 | 12 | 10 | 7 | 9 |
| Scarlet Fever | 8 | 7 | 8 | 10 | 17 | 7 | 5 | 8 | 3 | 9 | 10 | 7 | 7 |
| Diphtheria | 29 | 21 | 30 | 27 | 26 | 21 | 19 | 30 | 29 | 29 | 33 | 34 | 41 |
| Whooping-cough | 38 | 29 | 29 | 34 | 32 | 32 | 29 | 40 | 25 | 31 | 29 | 18 | 17 |
| Typhus | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Enteric Fever | 8 | 7 | 10 | 2 | 13 | 9 | 15 | 19 | 7 | 9 | 9 | 6 | 18 |
| Simple Continued Fever | – | – | – | 1 | 1 | – | 1 | – | – | – | – | – | – |
| Diarrhœa and Dysentery | 69 | 138 | 227 | 329 | 432 | 461 | 431 | 433 | 397 | 347 | 247 | 138 | 99 |
| Cholera | 2 | 8 | 13 | 15 | 14 | 14 | 13 | 13 | 14 | 7 | 10 | 1 | 1 |
| All the above Diseases | 176 | 234 | 331 | 449 | 553 | 564 | 524 | 559 | 483 | 444 | 348 | 211 | 193 |
| Dis. of Respiratory System | 148 | 173 | 174 | 171 | 195 | 135 | 127 | 130 | 135 | 157 | 200 | 226 | 263 |
| Phthisis | 148 | 133 | 124 | 139 | 116 | 107 | 144 | 140 | 133 | 127 | 147 | 148 | 173 |
| Dis. of Circulatory System | 119 | 116 | 122 | 127 | 111 | 106 | 116 | 111 | 123 | 121 | 136 | 140 | 143 |
| Violence | 64 | 80 | 73 | 62 | 69 | 73 | 60 | 71 | 96 | 58 | 66 | 76 | 56 |
| Inquest Cases | 127 | 164 | 139 | 131 | 139 | 150 | 124 | 135 | 166 | 133 | 147 | 147 | 145 |
| Deaths in Public Institutions | 434 | 446 | 413 | 428 | 500 | 407 | 469 | 470 | 470 | 495 | 446 | 483 | 491 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean | 62°·8 | 61°·0 | 63°·8 | 61°·9 | 69°·5 | 65°·4 | 61°·1 | 70°·4 | 66°·4 | 57°·2 | 52°·9 | 56°·1 | 49°·5 |
| Mean of Highest readings | 74·2 | 70·4 | 75·9 | 72·2 | 82·1 | 76·8 | 73·2 | 83·6 | 79·5 | 68·7 | 63·8 | 62·4 | 55·1 |
| Mean of Lowest readings | 54·2 | 54·1 | 52·7 | 53·6 | 59·3 | 55·8 | 50·5 | 60·0 | 55·1 | 47·1 | 42·5 | 50·1 | 44·5 |
| Humidity of the Air | 74 | 76 | 69 | 76 | 69 | 73 | 67 | 68 | 64 | 75 | 72 | 82 | 86 |
| Rain-fall (in inches) | 0·45 | 0·72 | 0·06 | 0·56 | 0·03 | 0·14 | 0·08 | 0·00 | 0·02 | 0·12 | 0·16 | 0·02 | 0·42 |
| Registered Sunshine (in hours) | 36·1 | 25·6 | 58·4 | 35·6 | 61·0 | 45·1 | 60·7 | 59·7 | 56·8 | 33·8 | 42·4 | 18·3 | 12·5 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox | – | – | 1 | 1 | 2 | 2 | 2 | 3 | 2 | 1 | – | – | – |
| Scarlet Fever | 2355 | 2321 | 2326 | 2293 | 2241 | 2178 | 2240 | 2300 | 2319 | 2353 | 2459 | 2606 | 2728 |
| Diphtheria | 1034 | 1022 | 1024 | 953 | 937 | 903 | 869 | 893 | 916 | 964 | 1027 | 1052 | 1125 |
| Enteric Fever | 85 | 87 | 97 | 106 | 106 | 115 | 118 | 119 | 127 | 128 | 155 | 176 | 191 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley Wolverhampton: Arthur Brown, Esq., M.Inst. C.E., and F. Boobbyer Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst.C.E., Bradford; and Mr. E. Peak, Hull.

LE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-FIRST Week of the Year 1898.

| ES OF DEATH | Corrected Averages for the 41st Week of the 10 years 1888-97*. | In the Week ending Saturday, 15th October 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0–1. | 1–5. | 5–20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| SES - - - | 1474·0 | 1600 | 415 | 180 | 95 | 204 | 324 | 307 | 75 |
| Vaccinated† - | 0·1 | - | - | - | - | - | - | - | - |
| Unvaccinated | 0·2 | - | - | - | - | - | - | - | - |
| No Statement | 0·1 | 1 | - | - | - | - | 1 | - | - |
| - - - - | 27·4 | 9 | 1 | 7 | 1 | - | - | - | - |
| Fever - - - | 22·6 | 7 | - | 5 | 2 | - | - | - | - |
| - - - - | 0·1 | - | - | - | - | - | - | - | - |
| - - - - | - | - | - | - | - | - | - | - | - |
| ng Fever - - | 3·3 | 9 | 1 | - | 1 | - | 4 | 3 | - |
| a - - - - | 19·4 | 17 | 5 | 12 | - | - | - | - | - |
| ng-cough - - | 48·9 | 41 | 1 | 23 | 17 | - | - | - | - |
| ria - - | | | | | | | | | |
| Continued and fined Fever - | 0·3 | - | - | - | - | - | - | - | - |
| Fever - - - | 19·0 | 18 | - | - | 3 | 13 | - | 2 | - |
| and Chol. Diarr. | 0·8 | 1 | - | - | - | - | - | 1 | - |
| ea, Dysentery - | 48·8 | 99 | 66 | 20 | - | - | 1 | 8 | 4 |
| nt Fever - - | - | - | - | - | - | - | - | - | - |
| hobia - - - | - | - | - | - | - | - | - | - | - |
| s - - - - | 0·1 | - | - | - | - | - | - | - | - |
| k and Effects of nation - - | 0·4 | 1 | 1 | - | - | - | - | - | - |
| l Affections - - | 10·7 | 4 | 3 | - | - | 1 | - | - | - |
| las - - - | 4·8 | 3 | 2 | - | - | - | - | 1 | - |
| and Septicæmia | 2·6 | 2 | - | 1 | - | 1 | - | - | - |
| ral Fever - - | 6·0 | 2 | - | - | - | 1 | 1 | - | - |
| ymotic Diseases | 1·1 | 2 | - | 1 | - | 1 | - | - | - |
| - - - - - | 1·4 | 1 | 1 | - | - | - | - | - | - |
| and other Para- l Diseases - | 0·4 | - | - | - | - | - | - | - | - |
| ion, Want of st-milk - - | 2·0 | 1 | - | - | - | - | - | 1 | - |
| lism - - - | 10·7 | 12 | - | - | - | 5 | 7 | - | - |
| atic Fever, matism of Heart | 8·0 | 8 | - | - | 3 | 2 | 1 | 1 | 1 |
| atism - - - | 1·7 | 1 | - | - | - | - | - | 1 | - |
| - - - - - | 3·9 | 1 | - | - | - | - | - | - | 1 |
| s - - - - | 4·8 | 5 | - | 5 | - | - | - | - | - |
| - - - - - | 68·1 | 87 | - | - | 4 | 7 | 42 | 33 | 1 |
| Mesenterica - - | 24·2 | 27 | 18 | 9 | - | - | - | - | - |
| ular Meningitis - | 21·7 | 20 | 3 | 12 | 5 | - | - | - | - |
| is - - - - | 157·7 | 173 | - | 5 | 7 | 76 | 72 | 13 | - |
| la, Tuberculosis - | 17·2 | 21 | 7 | 6 | 4 | 1 | 2 | 1 | - |
| Constitutional ases - - | 13·8 | 19 | 2 | - | 1 | 6 | 3 | 6 | 1 |
| ture Birth - - | 46·6 | 54 | 54 | - | - | - | - | - | - |
| tasis - - - | 3·9 | 6 | 6 | - | - | - | - | - | - |
| nital Malforma- s - - - | 6·9 | 5 | 5 | - | - | - | - | - | - |
| ge - - - - | 45·8 | 43 | - | - | - | - | - | 18 | 25 |
| exy - - - | 43·1 | 45 | 1 | - | 1 | 1 | 8 | 25 | 9 |
| osy - - - - | 8·6 | 5 | - | 1 | - | 1 | 2 | 1 | - |
| lisions - - - | 44·0 | 25 | 24 | 1 | - | - | - | - | - |
| Diseases of Brain Nervous System | 69·0 | 100 | 11 | 8 | 7 | 15 | 23 | 31 | 5 |
| ses of Organs of cial Sense - | 4·2 | 5 | 1 | 1 | 2 | 1 | - | - | - |

| CAUSES OF DEATH | Corrected Averages for the 41st Week of the 10 years 1888-97*. | In the Week ending Saturday, 15th October 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0–1. | 1–5. | 5–20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 124·7 | 143 | 2 | - | 11 | 21 | 54 | 51 | 4 |
| Croup - - - - | 4·9 | 2 | 1 | - | 1 | - | - | - | - |
| Bronchitis - - - | 132·4 | 131 | 38 | 16 | 1 | 4 | 17 | 41 | 14 |
| Pneumonia - - - | 86·6 | 100 | 26 | 19 | 4 | 17 | 19 | 14 | 1 |
| Pleurisy - - - - | 4·6 | 5 | 1 | - | - | 1 | 1 | 1 | 1 |
| Other Diseases of Respiratory System - | 22·7 | 25 | 6 | 2 | 3 | 1 | 5 | 6 | 2 |
| Dentition - - - - | 7·5 | 3 | - | 3 | - | - | - | - | - |
| Quinsy, Sore Throat - | 2·4 | 1 | - | - | - | - | 1 | - | - |
| Enteritis - - - - | 18·5 | 66 | 41 | 10 | 4 | 2 | 1 | 8 | - |
| Peritonitis - - - | 6·1 | 7 | 1 | 1 | 1 | 2 | 1 | 1 | - |
| Diseases of Liver - - | 23·4 | 21 | 2 | - | 2 | 5 | 7 | 5 | - |
| Other Diseases of Digestive System | 29·1 | 35 | 6 | 1 | 3 | 6 | 12 | 5 | 2 |
| Diseases of Lymphatic System & of Ductless Glands - - - | 2·9 | 2 | 1 | - | - | - | 1 | - | - |
| Diseases of Urinary System - - - | 44·2 | 38 | - | 1 | 3 | 3 | 11 | 16 | 4 |
| Diseases of Generative System - - - | 5·6 | 2 | - | - | - | - | 2 | - | - |
| Accidents of Childbirth - | 5·3 | 1 | - | - | - | 1 | - | - | - |
| Diseases of Locomotive System - - - | 5·1 | 4 | - | 1 | - | 1 | - | 2 | - |
| Diseases of Integumentary System - - | 5·2 | 8 | 2 | - | - | 1 | 3 | 2 | - |
| VIOLENT DEATHS.‡ (ACCIDENT.) | | | | | | | | | |
| By Railways - - - | 48·2 | 1 | - | - | - | - | 1 | - | - |
| By Vehicles or Horses - | | 4 | - | - | 1 | - | 3 | - | - |
| In Ships, Boats, Docks, (exclusive of Drowning) - - - | | 1 | - | - | - | - | 1 | - | - |
| In Building Operations - | | 1 | - | - | - | - | - | 1 | - |
| In Conflagrations - | | - | - | - | - | - | - | - | - |
| By Burns, Scalds, Explosions - - | | 4 | - | 2 | 1 | - | 1 | - | - |
| By Drowning - - - | | 4 | 1 | - | - | 1 | 2 | - | - |
| By Suffocation in Bed - | | 10 | 9 | - | - | 1 | - | - | - |
| By Poisons or Poisonous Vapours - - | | - | - | - | - | - | - | - | - |
| Other or not stated causes - - - - | | 22 | 3 | 1 | 2 | 3 | 8 | 5 | - |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - | 1·5 | 3 | 1 | - | - | 1 | - | 1 | - |
| Suicide - - - - | 6·6 | 6 | - | - | - | 1 | 4 | 1 | - |
| Execution - - - | 0·2 | - | - | - | - | - | - | - | - |
| OTHER CAUSES - | 61·9 | 70 | 61 | 6 | - | - | 2 | 1 | - |

he numbers in this column are the average weekly deaths for the ten years 1888–97, raised by 5·230 per cent. for increase pulation.

nly those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered cal men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the e of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

he evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of ent, murder manslaughter or suicide. All such cases are classed under "accident."

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 15th October, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2454 | 1600 | 415 | 382 | 1 | 9 | 7 | 41 | 17 | – | 18 | – | 99 | 56 | 145 | 491 |
| WEST DISTRICTS - - - | 778,251 | 322 | 243 | 62 | 69 | – | – | 1 | 2 | 5 | – | 1 | – | 11 | 9 | 22 | 76 |
| NORTH DISTRICTS - - - | 1,040,694 | 561 | 331 | 71 | 82 | 1 | 2 | 3 | 10 | 2 | – | 9 | – | 21 | 9 | 25 | 111 |
| CENTRAL DISTRICTS - - - | 233,635 | 96 | 86 | 20 | 21 | – | 2 | – | – | – | – | 1 | – | 7 | 3 | 10 | 33 |
| EAST DISTRICTS - - - | 716,334 | 506 | 287 | 93 | 48 | – | 3 | 1 | 5 | 1 | – | 2 | – | 18 | 9 | 35 | 91 |
| SOUTH DISTRICTS - - - | 1,642,796 | 969 | 623 | 169 | 151 | – | 2 | 2 | 24 | 9 | – | 5 | – | 42 | 26 | 52 | 150 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | — | – | 30 | – | 11 | – | – | – | – | – | – | – | – | – | – | 1 | 30 |
| **WEST DISTRICTS.** | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 56 | 23 | 9 | 8 | – | – | – | 1 | 2 | – | – | – | 1 | – | 1 | 5 |
| St. John Paddington *H* - - G. | 33,510 | 12 | 12 | 1 | 1 | – | – | – | – | – | – | – | – | – | 3 | 4 | 8 |
| Kensington Town *Ww* - - W. | 122,164 | 42 | 46 | 11 | 16 | – | – | – | – | – | – | – | – | 3 | 1 | 3 | 15 |
| Brompton *HH* - - W & C. | 48,301 | 6 | 8 | 2 | 3 | – | – | – | – | – | – | – | – | – | 1 | 1 | 4 |
| St. Peter Hammersmith - - W. | 9,097 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| St. Paul Hammersmith *HH* W. & G. | 35,102 | 49 | 24 | 10 | 8 | – | – | – | – | – | – | – | – | 4 | – | 2 | 1 |
| Fulham *Ww* - - - W. & C. | 113,781 | 72 | 45 | 13 | 10 | – | – | 1 | 1 | 1 | – | – | – | – | 1 | 3 | 12 |
| Chelsea Kensal Town - C. | 21,450 | 9 | 4 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| Chelsea North *WHHHHH* - C. | 42,057 | 10 | 25 | 8 | 6 | – | – | – | – | – | – | – | – | 3 | – | 2 | 14 |
| Chelsea South *HH* - - C. | 33,139 | 14 | 7 | 3 | – | – | – | – | – | – | – | – | – | – | 1 | 1 | 1 |
| May Fair *W* - - - - G. | 23,827 | 4 | 10 | 1 | 4 | – | – | – | – | – | – | – | – | – | 1 | 1 | 7 |
| Belgrave *WHHH* - - - C. | 56,140 | 16 | 16 | – | 7 | – | – | – | – | – | – | 1 | – | – | 1 | 2 | 4 |
| St. John Westminster *HH* - C. | 31,492 | 13 | 11 | 1 | 2 | – | – | – | – | 2 | – | – | – | – | – | 1 | – |
| St. Margaret Westminster *H* - C. | 22,097 | 1 | 6 | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | 4 |
| St. James Westminster *WHH* N. & G. | 23,050 | 10 | 5 | 1 | 3 | – | – | – | – | – | – | – | – | – | – | – | 1 |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 8 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| **NORTH DISTRICTS.** | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - - W. | 36,595 | 14 | 12 | 1 | 2 | – | – | – | – | – | – | – | – | – | 1 | 3 | 8 |
| Rectory Marylebone *W* G. & W. | 19,798 | 6 | 5 | – | 3 | – | – | – | – | – | – | – | – | – | – | 1 | 2 |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 28 | 4 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | 1 |
| Christchurch Marylebone *H* - W | 32,547 | 14 | 7 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| St. John Marylebone *HHH* W. | 32,611 | 13 | 10 | 3 | 2 | – | – | – | – | 1 | – | – | – | 1 | – | 3 | – |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 32 | 28 | 1 | 10 | – | – | 3 | 2 | – | – | 3 | – | – | 1 | 2 | 12 |
| Regent's Park Pancras *HH* - W. | 37,341 | 20 | 9 | 3 | 2 | – | – | – | – | – | – | 1 | – | – | – | – | 1 |
| Tottenham-court *wHHHH* - N. & W. | 26,757 | 7 | 23 | 4 | 4 | – | – | – | 1 | 1 | – | – | – | – | 3 | 4 | 16 |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 21 | 9 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | 4 |
| Somers Town *HH* - - - N. | 32,161 | 11 | 11 | 2 | 1 | – | – | – | – | – | – | 2 | – | 2 | – | – | 2 |
| Camden Town *WH* - - N. | 16,669 | 10 | 9 | 1 | 4 | – | – | – | – | – | – | – | – | – | – | 1 | 7 |
| Kentish Town *WW* - - N. | 98,410 | 58 | 33 | 6 | 9 | – | – | – | 2 | – | – | – | – | 2 | – | – | 8 |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 50 | 45 | 6 | 17 | – | 1 | – | – | – | – | – | – | 3 | 2 | 5 | 27 |
| Islington South-west *H* - N. | 107,365 | 61 | 27 | 9 | 5 | – | – | – | – | – | – | 1 | – | 4 | – | – | – |
| Islington South-east - - N. | 66,549 | 29 | 10 | 5 | 3 | – | – | – | – | – | – | – | – | 1 | – | 2 | – |
| Highbury *HH* - - - N. | 64,577 | 33 | 14 | 3 | 3 | – | – | – | – | – | – | – | – | 3 | – | – | 2 |
| Stoke Newington *H* - - N. | 33,485 | 22 | 10 | 2 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | 1 |
| North Hackney - - E. & N. | 213,044 | 26 | 8 | – | 4 | – | – | – | – | – | – | – | – | 1 | – | – | – |
| Central Hackney *ww* - E. & N. | | 30 | 15 | 4 | 2 | – | – | – | 5 | – | – | 1 | – | – | – | – | 6 |
| South-west Hackney *HHH* E. & N. | | 44 | 14 | 7 | 1 | – | – | – | – | – | – | 1 | – | 2 | – | 1 | 2 |
| South-east Hackney *WwH* E. & N. | | 32 | 28 | 8 | 5 | – | 1 | – | – | – | – | – | – | 2 | 2 | 3 | 12 |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated there, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers are received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River E. East London; and K. the Kent Company.

*See note † on first page of this Return.

LE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday, 15th October, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population. 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CENTRAL DISTRICTS. | | | | | | | | | | | | | | | | | | |
| . George Bloomsbury - - N. | 16,110 | 3 | 2 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| . Giles South *WH* - - N. | 12,976 | 2 | 5 | 1 | 3 | – | – | – | – | – | – | – | – | – | – | – | 4 | – |
| . Giles North *H* - - - N. | 9,151 | 3 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| . Martin-in-the-Fields *HH* N. & C. | 13,077 | 9 | 4 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 2 | – |
| rand *WHH* - - - - N. | 11,839 | 2 | 6 | – | 1 | – | – | – | – | – | – | – | – | – | – | 2 | 3 | – |
| *rand Union Workhouse, Edmonton* | †*1,037* | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| olborn *wHHHHHHH* - N. | 31,042 | 12 | 21 | 7 | 4 | – | 1 | – | – | – | – | – | – | 1 | 1 | 1 | 11 | – |
| . James Clerkenwell - - N. | 15,777 | 5 | 3 | 1 | – | – | – | – | – | – | – | – | – | 1 | – | – | – | – |
| mwell Clerkenwell - - N. | 34,356 | 19 | 9 | 5 | 1 | – | – | – | – | – | – | – | – | 2 | – | – | – | – |
| oswell-street - - - - N. | 16,069 | 7 | 3 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| ty-road *HHHL* - - - N. | 29,897 | 19 | 11 | 3 | 3 | – | 1 | – | – | – | – | – | – | 3 | – | 1 | 1 | – |
| hitecross-street - - - N. | 7,595 | 6 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| nsbury - - - - - N. | 4,035 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| *olborn Union Workhouse, Mitcham* - - - - | †*892* | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| . Botolph *H* - - N. & E. | 6,870 | 4 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| ripplegate - - - - N. | 3,299 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| . Sepulchre *WH* - - - N. | 9,591 | 2 | 11 | 2 | 1 | – | – | – | – | – | – | 1 | – | – | 2 | 4 | 9 | – |
| llhallows Barking - - - N. | 9,059 | 3 | 4 | – | – | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| road Street *H* - - - N. | 2,892 | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| *ty of London Asylum, Stone* - - | †*388* | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| EAST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| horeditch South *Hl* - E. & N. | 17,975 | 12 | 3 | 2 | – | – | – | – | – | – | – | – | – | 1 | – | – | – | – |
| oxton New Town *w* - - N. | 29,575 | 19 | 16 | 3 | 3 | – | 1 | – | – | – | – | – | – | 1 | – | 1 | 6 | – |
| oxton Old Town - - - N. | 27,645 | 18 | 12 | 7 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| aggerston *WH* - - N. & E. | 47,163 | 28 | 20 | 6 | 4 | – | – | – | – | – | – | – | – | – | 2 | 2 | 6 | – |
| thnal Green North *H* - E. | 49,301 | 30 | 20 | 9 | 1 | – | – | 1 | – | – | – | 1 | – | – | 2 | 3 | 1 | – |
| thnal Green South - - E. | 34,194 | 22 | 12 | 9 | – | – | – | – | – | – | – | – | – | 1 | – | 2 | – | 1 |
| thnal Green East *WHl* - E. | 45,667 | 35 | 19 | 6 | 3 | – | – | – | – | – | – | – | – | 1 | – | – | 7 | – |
| pitalfields - - - E. & N. | 26,681 | 29 | 6 | 1 | – | – | – | – | – | – | – | – | – | 1 | – | – | – | – |
| ile End New Town *W* - E. | 12,816 | 13 | 12 | 1 | 3 | – | – | – | – | – | – | – | – | – | – | – | 8 | – |
| hitechapel Church *H* - E. & N. | 25,561 | 13 | 25 | 7 | 4 | – | – | – | 1 | – | – | – | – | – | 3 | 7 | 19 | – |
| oodman's Fields - - - E. | 13,618 | 7 | 3 | – | – | – | – | – | – | – | – | – | – | 1 | – | 1 | – | – |
| t. George's North - - - E. | 39,576 | 39 | 10 | 7 | – | – | – | – | – | – | – | – | – | 1 | – | 1 | – | – |
| t. John, St. George East *W* E. | 7,930 | 5 | 5 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | 1 | 4 | – |
| hadwell *H* - - - E. & N. | 10,434 | 8 | 11 | 5 | – | – | – | – | 1 | 1 | – | – | – | 2 | – | 2 | 8 | – |
| atcliff *W* - - - - E. | 14,954 | 13 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| imehouse - - - - E. | 32,917 | 25 | 10 | 3 | 3 | – | – | – | – | – | – | – | – | – | – | 3 | – | – |
| Mile End Old Town West *H* E. | 111,060 | 45 | 12 | 5 | 1 | – | 1 | – | – | – | – | – | – | 2 | – | 2 | – | – |
| Mile End Old Town East *WWww* - E. | | 39 | 26 | 8 | 6 | – | 1 | – | – | – | – | – | – | 4 | 1 | 5 | 10 | – |
| Bow *l* - - - - E. | 41,687 | 27 | 7 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | 1 | 2 | – |
| Bromley *wwwH* - - - E. | 69,821 | 43 | 39 | 8 | 9 | – | – | – | 2 | – | – | – | – | 1 | 1 | 3 | 18 | – |
| Poplar *WW* - - - - E. | 57,759 | 36 | 19 | 3 | 7 | – | – | – | 1 | – | – | 1 | – | 2 | – | 1 | 2 | – |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX MEASLES SCARLET FEVER. DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA. VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 15th October, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions | Unverified Causes of |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WHL*.&S. | 13,064 | 9 | 2 | 1 | – | – | 1 | – | – | – | – | – | – | 1 | – | – | – | |
| St. Saviour Southwark - - S. | 12,301 | 7 | 4 | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | |
| Kent-road - - - - S. & L. | 22,879 | 23 | 8 | 3 | – | – | – | – | 1 | – | – | – | – | 1 | – | – | – | |
| Borough-road *WH* - S. & L. | 16,083 | 12 | 12 | 7 | 2 | – | – | – | – | – | – | 1 | – | 3 | – | – | 3 | |
| London-road *HL* - - L. & S. | 21,316 | 18 | 8 | – | 2 | – | – | – | – | 1 | – | – | – | – | 1 | 1 | – | |
| Trinity Newington - - S. & L. | 28,723 | 14 | 7 | – | 2 | – | – | – | – | – | – | – | – | 1 | – | 1 | – | |
| St. Peter Walworth *W* - S. & L. | 62,045 | 37 | 17 | 9 | 1 | – | – | – | – | – | – | – | – | 6 | – | 1 | 1 | |
| St. Mary Newington- - L. & S. | 30,171 | 20 | 9 | 4 | 2 | – | – | – | – | – | – | – | – | – | 1 | 2 | – | |
| St. Olave *WH*- - - - S. | 11,731 | 13 | 18 | 3 | 2 | – | – | – | – | – | – | – | – | – | 4 | 7 | 14 | |
| Bermondsey* *W* - - - S. | 85,475 | 59 | 25 | 6 | 8 | – | – | – | 1 | – | – | – | – | 4 | 1 | 1 | – | |
| Rotherhithe *WwH* - S. & K. | 40,379 | 24 | 23 | 2 | 6 | – | – | – | 1 | – | – | – | – | 1 | – | – | 12 | |
| Waterloo-road *HH* - L. & S. | 28,396 | 20 | 12 | 4 | 1 | – | – | – | – | 1 | – | – | – | – | 1 | 2 | 3 | |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 13 | 14 | 2 | 1 | – | – | – | – | – | – | – | – | – | 3 | 3 | 10 | |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 34 | 31 | 5 | 10 | – | – | – | – | 1 | – | 1 | – | 1 | – | 1 | 19 | |
| Kennington 1st *H* - - S. & L. | 52,486 | 34 | 20 | 11 | 2 | – | – | – | – | 1 | – | – | – | 2 | 1 | 4 | 1 | |
| Kennington 2nd - - S. & L. | 43,244 | 18 | 10 | 3 | 5 | – | – | – | – | – | – | – | – | 1 | – | – | – | |
| Brixton *w* - - - L. & S. | 81,825 | 28 | 20 | 5 | 3 | – | – | – | 3 | 1 | – | – | – | 1 | – | 3 | 3 | |
| Norwood *WH*- - - - L. | 29,318 | 10 | 9 | 2 | 3 | – | – | – | 1 | 1 | – | – | – | – | – | – | – | |
| East Battersea - - - - S. | 71,730 | 38 | 25 | 11 | 1 | – | – | – | 2 | 1 | – | – | – | – | 1 | 3 | – | |
| West Battersea *WwH* - - S. | 93,385 | 57 | 33 | 8 | 8 | – | – | – | – | – | – | – | – | 1 | 5 | 6 | 12 | |
| Clapham *H* - - - - S. | 46,953 | 21 | 12 | 4 | 6 | – | – | – | – | – | – | – | – | 3 | – | – | 1 | |
| Wandsworth *WHHL* - - S. | 58,101 | 44 | 19 | 6 | 4 | – | – | – | – | – | – | – | – | – | 2 | 3 | – | |
| Putney - - - - - S. | 20,566 | 8 | 5 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | |
| Streatham *WwwL* - - L. | 61,644 | 31 | 21 | 4 | 5 | – | – | – | 5 | – | – | – | – | – | – | – | 7 | |
| Dulwich - - - - L. & S. | 7,519 | 3 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | |
| Camberwell *Wwll* - S. & L. | 90,286 | 40 | 52 | 11 | 26 | – | – | – | – | – | – | – | – | 3 | 1 | 3 | 35 | |
| Peckham *WW* - S., L., & K. | 88,242 | 61 | 28 | 11 | 8 | – | – | – | – | – | – | – | – | 3 | – | 1 | – | |
| St. George Camberwell - L. & S. | 67,029 | 45 | 25 | 7 | 2 | – | – | – | 3 | – | – | 1 | – | 1 | – | 1 | – | |
| Deptford North - - - K. | 36,152 | 20 | 15 | 6 | 2 | – | – | – | – | – | – | – | – | 1 | 3 | 3 | – | |
| Deptford Central *w* - - K. | 45,441 | 44 | 16 | 6 | 3 | – | – | – | 2 | 1 | – | 1 | – | 1 | – | – | 3 | |
| Deptford South - - - K. | 33,402 | 12 | 10 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | |
| Greenwich West *H* - - K. | 23,012 | 19 | 15 | 3 | 3 | – | – | 1 | – | – | – | – | – | 1 | – | – | – | |
| Greenwich East *WH* - - K. | 37 767 | 13 | 16 | 2 | 5 | – | – | – | – | – | – | – | – | – | 1 | 1 | 10 | |
| Eltham *wH* - - - - K. | 5,911 | 6 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | 1 | – | |
| Lee *H* - - - - - K. | 24,222 | 7 | 6 | 2 | – | – | – | – | – | – | – | – | – | 1 | – | – | – | |
| Lewisham *WwH* - - - K. | 38,139 | 18 | 11 | 2 | 3 | – | – | – | 2 | – | – | – | – | 1 | – | – | 4 | |
| Sydenham *H* - - - - L. | 37,601 | 13 | 5 | 1 | 2 | – | – | – | – | 1 | – | – | – | 1 | – | 1 | – | |
| Charlton *wHH* - - K. | 15,928 | 16 | 10 | 3 | 1 | – | – | 1 | 3 | – | – | 1 | – | – | 1 | 1 | 4 | |
| Woolwich Dockyard - - K. | 19,355 | 11 | 6 | – | 4 | – | – | – | – | – | – | – | – | – | – | – | – | |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 16 | 12 | 4 | 2 | – | – | – | – | – | – | – | – | 1 | – | – | – | |
| Plumstead West *H* - - K. | 16,714 | 9 | 4 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Plumstead East *WH* - - K. | 42,538 | 24 | 25 | 6 | 10 | – | – | – | – | – | – | – | – | 2 | – | 2 | 8 | |
| Banstead Asylum - - - - | — | – | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 2 | |
| Caterham Asylum - - - - | — | – | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 2 | |
| Cane Hill Asylum - - - - | — | – | 7 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 7 | |
| Hospital Ships and Camp, Dartford | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Darenth Asylum - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| London County Asylum, Dartford Heath - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Hanwell Asylum - - - - | — | – | 3 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 3 | |
| Colney Hatch Asylum - - - | — | – | 5 | – | 1 | – | – | – | – | – | – | – | – | – | – | 1 | 5 | |
| N.E. Hospital - - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Winchmore Hill Hospital - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Leavesden Asylum - - - - | — | – | 6 | – | 4 | – | – | – | – | – | – | – | – | – | – | – | 6 | |
| Claybury Asylum - - - - | — | – | 5 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 5 | |

* The two Sub-Districts of Leather Market and St. James Bermondsey were united on 1st September, and called Bermondsey.

ABLE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 15th October, 1898.

| Registration District and Sub-District Numbers. | REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years & upwds. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LONDON—OUTER RING - | 368,749 | 1,422,063 | 943 | 460 | 138 | 118 | - | 4 | - | 6 | 9 | 6 | 34 | 10 | 24 | 57 | 5 |
| 30 : 1 | Carshalton *wHH* - - | 12,228 | 26,108 | 13 | 10 | 4 | 3 | - | - | - | - | - | - | 1 | - | - | - | - |
| 2 | Epsom, *part of** *WwHH* - | 10,423 | 12,508 | 5 | 4 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 37 : 1 | Godstone, *part of** *W* - | 2,754 | 1,598 | 1 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | - |
| 38 : 1 | Croydon *WwHHH* - - | 20,851 | 128,699 | 60 | 35 | 5 | 14 | - | - | - | - | - | - | - | - | 1 | 2 | - |
| 2 | Mitcham *w* - - - | 11,697 | 23,088 | 13 | 4 | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| 39 : 1 | Wimbledon *HHH* - - | 3,220 | 25,761 | 12 | 7 | 1 | 2 | - | - | - | - | - | - | - | - | 1 | - | - |
| 2 | Kingston *W* - - - | 14,672 | 33,566 | 13 | 8 | 1 | 2 | - | - | - | - | - | - | 1 | - | - | 1 | - |
| 3 | Surbiton *H* - - - | | 12,178 | 6 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 4 | Esher, *part of** *HH* - | | 11,080 | 7 | 3 | 3 | - | - | - | - | - | 1 | - | - | - | - | - | - |
| 5 | Hampton *HL* - - - | 4,565 | 18,252 | 4 | 2 | 1 | - | - | - | - | - | - | - | 1 | 1 | 1 | - | - |
| 40 : 1 | Richmond *WH* - - - | 2,160 | 25,389 | 9 | 7 | 1 | 5 | - | - | - | - | - | - | - | 1 | 1 | 1 | - |
| 2 | Mortlake *H* - - - | 2,823 | 16,159 | 11 | 6 | 2 | - | - | - | - | 1 | - | - | - | 1 | 1 | - | - |
| 41 : 1 | Bromley *HHH* - - - | 9,127 | 23,815 | 15 | 2 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| 2 | Beckenham *H* - - | 6,542 | 21,969 | 10 | 5 | 2 | 1 | - | - | - | - | - | - | 1 | - | - | - | 1 |
| 3 | Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 8 | 7 | 2 | 4 | - | - | - | - | - | - | 1 | - | - | 2 | - |
| 42 : 1 | Bexley *HHH* - - - | 12,540 | 30,590 | 25 | 17 | 6 | 4 | - | - | - | - | - | - | 4 | 1 | 2 | - | 1 |
| 2 | Dartford *WH*, *part of** - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 124 : 1 | Sunbury *w* - - - | 11,054 | 13,671 | 6 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Staines *WH* - - - | 13,277 | 13,221 | 6 | 3 | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - |
| 125 : 1 | Hillingdon *WHH* - - | 6,035 | 12,237 | 14 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Uxbridge - - - - | 12,757 | 7,253 | 4 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Hayes *wH* - - - - | 7,952 | 11,051 | 3 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | - |
| 126 : 1 | Isleworth *WHH* - - | 6,967 | 26,004 | 13 | 12 | 2 | 5 | - | - | - | - | - | - | - | - | - | 7 | - |
| 2 | Twickenham *HH* - - | 2,415 | 16,027 | 7 | 4 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | - |
| 3 | Brentford *HHHH* - - | 4,318 | 37,777 | 17 | 14 | 3 | 7 | - | - | - | 1 | - | - | 1 | - | 1 | 1 | 1 |
| 4 | Chiswick - - - - | 1,245 | 21,963 | 10 | 5 | 1 | 2 | - | - | - | - | - | - | 1 | 1 | 1 | - | - |
| 5 | Acton *wHH* - - - | 6,132 | 30,945 | 22 | 10 | 2 | 4 | - | - | - | - | - | - | - | - | - | - | - |
| 127 : 1 | Harrow *HHH* - - - | 13,809 | 15,715 | 8 | 3 | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - |
| 2 | Edgware *HH* - - - | 6,994 | 3,844 | 1 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Willesden *HHH* - - | 4,383 | 61,265 | 60 | 23 | 7 | 5 | - | - | - | - | - | 1 | - | 1 | 2 | 2 | 1 |
| 4 | Hendon *WH* - - - | 8,382 | 15,843 | 13 | 4 | 1 | - | - | - | - | - | - | - | - | - | - | 2 | - |
| 128 : 1 | South Mimms *HH* - - | 21,077 | 6,367 | 3 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Barnet *WHH* - - - | | 14,152 | 5 | 8 | - | 4 | - | - | - | - | - | - | - | - | - | 5 | - |
| 3 | Finchley *HHH* - - - | 4,688 | 25,820 | 9 | 8 | 1 | 3 | - | - | - | - | - | 1 | - | - | - | - | - |
| 129 : 1 | Hornsey *HH* - - - | 3,039 | 61,097 | 37 | 13 | 5 | 4 | - | - | - | - | - | - | 1 | - | 1 | - | - |
| 2 | Tottenham *HH* - - | 4,642 | 97,174 | 69 | 23 | 7 | 7 | - | - | - | - | 3 | - | 3 | - | - | - | - |
| 3 | Edmonton *Www* - - | 7,489 | 36,351 | 31 | 12 | 5 | 3 | - | - | - | - | - | - | 2 | - | - | 4 | - |
| 4 | Enfield *WWHH* - - | 12,602 | 31,536 | 16 | 15 | 4 | 2 | - | - | - | - | - | - | 1 | - | - | 1 | - |
| 5 | Waltham Abbey - - - | 11,017 | 6,066 | 2 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 6 | Cheshunt *H* - - - | 8,480 | 9,620 | 9 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 135 : 1 | Hatfield, *part of** *W* - - | 3,306 | 582 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 137 : 1 | Bushey *H* - - - | 9,331 | 7,737 | 2 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | |
| 2 | Watford *WH*, *part of** - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 186 : 1 | Stratford *H* - - - | 4,706 | 38,612 | 27 | 11 | 2 | - | - | - | - | - | - | - | - | 2 | 2 | 2 | - |
| 2 | Plaistow *WHHH* - - | | 58,030 | 60 | 24 | 14 | 2 | - | 3 | - | 3 | - | - | 1 | - | 1 | 3 | - |
| 3 | Canning Town *H* - - | | 54,750 | 60 | 28 | 15 | 2 | - | - | - | - | - | 1 | 5 | 1 | 3 | 1 | 1 |
| 4 | Forest Gate *w* - - - | | 53,511 | 29 | 15 | 3 | 4 | - | - | - | - | 1 | 1 | 1 | - | - | - | - |
| 5 | East Ham *wH* - - - | 3,266 | 32,713 | 41 | 20 | 10 | 1 | - | - | - | 1 | - | - | 1 | - | - | - | - |
| 6 | Leyton *WWWwH* - - | 4,334 | 70,188 | 61 | 36 | 10 | 12 | - | - | - | - | 3 | 2 | 2 | - | 4 | 16 | - |
| 7 | Walthamstow *HHL* - - | 6,501 | 57,330 | 49 | 18 | 8 | 3 | - | - | - | - | - | - | 4 | - | - | - | - |
| 187 : 1 | Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 5 | 1 | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - |
| 2 | Epping *WH*, *part of** - - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 189 : 1 | Romford, *part of** *WH* - | 6,556 | 4,324 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| 2 | Ilford - - - - - | 8,493 | 10,913 | 16 | 3 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Barking Town, *H* - - | 3,814 | 14,301 | 13 | 8 | 4 | - | - | - | - | - | - | - | 2 | - | - | - | - |
| | Middlesex Co. Lunatic Asy., Wandsworth. | — | — | - | 2 | - | 1 | - | - | - | - | - | - | - | - | - | 2 | - |

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30 : 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37 : 1, the parishes of Warlingham and Farley in Godstone sub-district; 39 : 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41 : 3, Chislehurst sub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135 : 1, the parish of Northaw in Hatfield sub-district; 187 : 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (pop. 1,079); 189 : 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for Infectious Diseases belonging to the Outer Ring in 42 : 2, Dartford; 137 : 2, Watford; and 187 : 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 15th October, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | ANNUAL RATE of MORTALITY per 1000 living. | | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Deaths of | | Deaths from | | | | | | | | |
| | | | From All Causes. | From Diseases in Cols. 8-14. | | Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | [illegible] |
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. | [illegible] |
| GREATER LONDON | **443,421** | **6,408,321** | **16·8** | **2·0** | **2060** | **553** | **500** | **1** | **13** | **7** | **47** | **26** | **24** | **133** | **66** | **5** |
| INNER LONDON - | 74,672 | 4,504,766 | 18·5 | 2·2 | 1600 | 415 | 382 | 1 | 9 | 7 | 41 | 17 | 18 | 99 | 56 | 4 |
| OUTER RING - | 368,749 | 1,903,555 | 12·6 | 1·6 | 460 | 138 | 118 | – | 4 | – | 6 | 9 | 6 | 34 | 10 | |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent t the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

| CITIES. | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of Stillborn | DEATHS. Exclusive of Stillborn | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM PRINCIPAL ZYMOTI DISEASES. | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœal |
| EDINBURGH - - | 295,628 | October 15 | 151 | 116 | 20·5 | – | 3 | 1 | 1 | 2 | 1 | |
| GLASGOW - - | 724,349 | „ 15 | 480 | 315 | 22·7 | – | 1 | 4 | 3 | 12 | 9 | |
| DUBLIN - - | 349,594 | „ 15 | 200 | 167 | 24·9 | – | 1 | 2 | – | 1 | 3 | |
| CALCUTTA - - | 466,460 | September 3 | – | 213 | 23·8 | – | – | – | 1 | 1 | 47† | |
| BOMBAY - - | 821,764 | „ 27 | 286 | 826 | 52·3 | – | 3 | ? | ? | ? | 258† | |
| MADRAS - - | 452,518 | „ 16 | 414 | 490 | 56·3 | 2 | 6 | ? | ? | ? | 146 | 1 |
| PARIS - - - | 2,511,629 | October 8 | 1117 | 958 | 19·8 | – | – | 2 | 4* | 11 | 18 | 1 |
| BRUSSELS - - | 551,011 | „ 8 | – | – | – | – | – | – | – | – | – | |
| AMSTERDAM - | 508,266 | „ 1 | 281 | 178 | 18·2 | – | 3 | – | – | 7 | 1 | |
| ROTTERDAM - | 303,878 | „ 1 | 219 | 114 | 19·4 | – | – | – | – | 5 | 4 | |
| THE HAGUE - | 196,325 | „ 1 | 122 | 76 | 20·1 | – | – | – | – | 2 | – | |
| COPENHAGEN - | 345,000 | „ 8 | – | – | – | – | – | – | – | – | – | |
| STOCKHOLM - | 283,550 | „ 1 | 174 | 85 | 15·6 | – | – | 1 | 3* | – | – | |
| CHRISTIANIA - | 203,337 | „ 8 | – | 69 | 17·6 | – | 2 | 1 | – | – | – | |
| ST. PETERSBURG | 1,132,677 | „ 8 | – | – | – | – | – | – | – | – | – | |
| MOSCOW - - | 988,610 | „ 1 | – | – | – | – | – | – | – | – | – | |
| BERLIN - - | 1,773,003 | September 24 | 916 | 722 | 21·2 | – | 8 | 6 | 13 | 13 | 1 | 1 |
| HAMBURG - - | 661,015 | October 8 | – | 265 | 20·8 | – | – | – | – | 8 | – | |
| DRESDEN - - | 385,300 | September 24 | – | 163 | 22·1 | – | 1 | 1 | 1* | 5 | – | |
| BRESLAU - - | 392,795 | October 8 | – | 189 | 25·1 | – | – | 2 | 2 | 4 | 2 | |
| MUNICH - - | 430,000 | „ 8 | – | 218 | 26·4 | – | 2 | 3 | 1* | 1 | – | 7 |
| VIENNA - - | 1,590,295 | „ 8 | 948 | 511 | 16·5 | – | 6 | 4 | 11* | 1 | 1 | 7 |
| PRAGUE - - | 382,029 | „ 8 | 179 | 161 | 21·9 | – | – | 5 | 2 | – | 5 | |
| BUDA-PESTH - | 648,104 | „ 1 | 420 | 276 | 22·1 | – | 3 | 12 | 1 | – | 8 | |
| TRIESTE - - | 165,177 | „ 1 | 94 | 97 | 30·2 | – | – | 2 | 2* | – | 4 | |
| ROME - - - | 499,861 | September 17 | 207 | 128 | 13·4 | – | – | – | – | 1 | 12§ | 1 |
| TURIN (10 days) | 344,203 | „ 20 | – | – | – | – | – | – | – | – | – | |
| VENICE - - | 169,545 | „ 24 | 70 | 75 | 23·1 | – | – | – | 1* | 1 | 5 | 1 |
| CAIRO - - | 570,062 | July 22 | – | – | – | – | – | – | – | – | – | |
| ALEXANDRIA - | 319,766 | „ 22 | – | – | – | – | – | – | – | – | – | |
| NEW YORK (including BROOKLYN) | 3,438,899 | September 24 | 1567 | 1268 | 19·2 | – | 3 | 3 | 17 | 19 | 29 | 1 |
| PHILADELPHIA - | 1,240,266 | „ 24 | – | 376 | 15·8 | – | – | 1 | 18 | 4 | 15 | 1 |

* Including deaths from croup.
† Including 2 deaths from plague in Calcutta, and 150 in Bombay.
‡ Including 4 deaths from cholera in Calcutta, 2 in Bombay, and 41 in Madras.
§ Including 5 deaths from malarial fever.

| 1898. Month and Day | Phases of the Moon. | Barometer. Mean daily reading (corrected and reduced to 32° Fahrenheit). | Temperature. Of the Air. Highest. | Temperature. Of the Air. Lowest | Temperature. Of the Air. Daily Range. | Temperature. Of the Air. Mean daily value. | Temperature. Of the Air. Departure from Average of 50 years. | Temperature. Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Difference. Greatest. | Difference. Least. | Degree of Humidity (Saturation equals 100). | Temperature. Of Radiation. Highest in Sun's Rays. | Temperature. Of Radiation. Lowest on the Grass. | Temperature. Of the Earth 3 feet below the Surface. | Wind as deduced from Anemometers. Osler's. General Direction. A.M. | Wind. Osler's. General Direction. P.M. | Wind. Osler's. Pressure on the Square Foot. Greatest. | Wind. Osler's. Pressure. Least. | Wind. Osler's. Pressure. Mean of 24 hourly obs. | Wind. Robinson's. Horizontal Movement of the Air on each Day. | Wind. Robinson's. Departure from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| October | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| Sunday - 9 | .. | 29·855 | 60·5 | 45·8 | 14·7 | 53·2 | + 1·5 | 44·4 | 8·8 | 16·0 | 0·2 | 72 | 115·3 | 40·5 | 58·83 | NE., ENE. & ESE. | SE. & ENE. | 0·7 | 0·0 | 0·0 | 103 | −141 | 0·16 | 0·0 |
| Monday - 10 | .. | 29·927 | 53·0 | 44·9 | 8·1 | 48·4 | − 2·9 | 46·7 | 1·7 | 5·0 | 0·0 | 94 | 60·2 | 40·8 | 58·47 | Calm & W. | N., WSW. & SW. | 0·3 | 0·0 | 0·0 | 94 | −151 | 0·00 | 0·0 |
| Tuesday - 11 | .. | 29·829 | 52·0 | 43·0 | 9·0 | 47·3 | − 3·7 | 45·6 | | 4·8 | 0·0 | 94 | 66·7 | 40·1 | 58·11 | SW. & N. | N. & NNW. | 1·2 | 0·0 | 0·0 | 147 | − 99 | 0·02 | 0·0 |
| Wednesday 12 | .. | 29·781 | 56·9 | 43·3 | 13·6 | 50·0 | − 0·6 | 42·0 | | 14·2 | 1·5 | 74 | 95·1 | 38·9 | 57·72 | NNW. & NW. | NNW. | 2·0 | 0·0 | 0·1 | 239 | − 9 | 0·00 | 0·0 |
| Thursday - 13 | In Equator | 29·693 | 54·0 | 42·0 | 12·0 | 47·0 | − 3·3 | 45·3 | 1·7 | 6·8 | 0·0 | 94 | 94·5 | 34·9 | 57·20 | NNW. & N. | SW. SSW. & SE. | 0·1 | 0·0 | 0·0 | 104 | −146 | 0·00 | 0·0 |
| Friday - 14 | .. | 29·435 | 58·3 | 43·7 | 14·6 | 50·8 | + 0·7 | 44·7 | 6·1 | 12·4 | 1·1 | 80 | 110·9 | 36·9 | 56·80 | E. & ESE. | SE., ESE. & E. | 3·9 | 0·0 | 0·3 | 252 | − 1 | 0·02 | 0·2 |
| Saturday - 15 | New | 28·983 | 51·1 | 48·7 | 2·4 | 49·6 | − 0·3 | 47·3 | 2·3 | 4·2 | 0·4 | 92 | 57·1 | 47·5 | 56·40 | E. & ENE. | ENE., NE. & NNE. | 3·7 | 0·0 | 0·4 | 300 | + 44 | 0·22 | 0·8 |
| Means - - | | 29·643 | 55·1 | 44·5 | 10·6 | 49·5 | − 1·2 | 45·1 | 4·3 | 9·1 | 0·5 | 86 | 85·7 | 39·9 | 57 65 | Variable | | .. | .. | .. | Sum 1239 | Sum −503 | Sum 0·42 | 0·1 |
| No. of Column - | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| Date. October | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | General Remarks. |
|---|---|---|---|---|
| Sunday - 9 | w. P. till 1h. P.M.; w. P. and w. N. afterwards. | 3·8 | 11·0 | Cloudy in early morning; very fine till 10h. A.M.; generally overcast afterwards with frequent showers between 2h. and 9h. P.M. |
| Monday - 10 | w. P. generally with occasional w. N. in morning. | 0·0 | 11·0 | Cloudy with fog of variable density throughout the day. Gloomy in forenoon. |
| Tuesday - 11 | w. P. generally till 5h. P.M.; v. P. and s. N. till 6h P.M.; w. P. afterwards. | 0·0 | 10·9 | Generally overcast till evening with fog and gloom in morning; very fine afterwards. A sharp shower of rain at 5h. P.M. Lightning at night. |
| Wednesday 12 | w. P. till 9h. A.M. m. P. afterwards. | 5·8 | 10·8 | Very fine till afternoon; partially cloudy till 10h. P.M.; cloudless afterwards. |
| Thursday - 13 | m. P. generally - | 0·9 | 10·8 | Fine but generally cloudy. Slight fog prevalent till 6h. P.M. |
| Friday - 14 | w. P. till 9h. P.M.; w. P. and w. N. afterwards. | 2·0 | 10·7 | Overcast in morning; fine and partially cloudy till 5h. P.M.; overcast and showery afterwards. |
| Saturday - 15 | v. N. and w. P. till 3h. A.M.; w. P. generally afterwards. | 0 0 | 10·6 | Overcast; frequent rain till 9h. P.M. |
| | | Sum 12·5 | Sum 75·8 | |
| No. of Col. - - | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer increased from 29·83 in. at the beginning of the week to 29·96 in. by 10h. A.M. on the 10th; and decreased to 28·91 in. by the end of the week.

LONDON:
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1898.

OFFICIAL COPY.

# WEEKLY RETURN
OF
# BIRTHS AND DEATHS IN LONDON
AND IN
# THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

*Printed under the Superintendence of Her Majesty's Stationery Office,*
AND SOLD BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 42. 1898. VOL. LIX.] WEEK ENDING SATURDAY, OCT. 22. [Price 1½*d*

*General Register Office, Somerset House,*
*October 24th*, 1898.

## THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 18·8 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS. | Weeks ending | | | | TOWNS. | Weeks ending | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Oct. 1. | Oct. 8. | Oct. 15. | Oct. 22. | | Oct. 1. | Oct. 8. | Oct. 15. | Oct. 22. |
| 33 Great Towns | 21·8 | 20·5 | 19·0 | 18·8 | Leicester - - | 16·5 | 18·5 | 14·5 | 14·7 |
| Birkenhead - | 19·3 | 18·0 | 13·8 | 17·5 | Liverpool - - | 28·5 | 29·0 | 21·9 | 24·4 |
| Birmingham - | 23·9 | 19·9 | 20·7 | 21·4 | London - - - | 19·7 | 18·8 | 18·5 | 17·3 |
| Blackburn - | 19·6 | 19·6 | 20·0 | 12·5 | Manchester - - | 28·1 | 25·7 | 25·1 | 23·5 |
| Bolton - - | 23·4 | 21·7 | 17·0 | 17·9 | Newcastle-on-Tyne | 26·4 | 24·3 | 23·6 | 26·4 |
| Bradford - | 21·6 | 19·6 | 17·4 | 14·3 | Norwich - - | 25·7 | 27·5 | 28·5 | 22·9 |
| Brighton - | 22·6 | 14·9 | 10·2 | 14·9 | Nottingham - - | 20·8 | 16·1 | 16·3 | 20·5 |
| Bristol - | 17·6 | 17·6 | 16·8 | 12·8 | Oldham - - | 20·0 | 24·3 | 17·6 | 16·9 |
| Burnley - | 19·5 | 20·5 | 16·2 | 16·7 | Plymouth - - | 21·0 | 23·1 | 18·4 | 20·0 |
| Cardiff - - | 15·5 | 12·6 | 13·2 | 11·4 | Portsmouth - - | 19·0 | 15·6 | 13·1 | 19·8 |
| Croydon - | 13·8 | 12·2 | 11·7 | 14·7 | Preston - - | 22·9 | 24·2 | 15·7 | 21·5 |
| Derby - - | 20·9 | 18·9 | 13·9 | 13·9 | Salford - - - | 35·5 | 27·6 | 25·6 | 30·2 |
| Gateshead - | 33·7 | 23·1 | 18·1 | 22·6 | Sheffield - - | 25·5 | 24·9 | 20·5 | 23·7 |
| Halifax - | 24·3 | 20·5 | 15·1 | 20·5 | Sunderland - - | 32·3 | 30·4 | 25·7 | 25·7 |
| Huddersfield- | 17·3 | 17·3 | 18·3 | 11·7 | Swansea - - | 17·9 | 19·4 | 22·5 | 18·4 |
| Hull - - | 28·8 | 24·3 | 24·0 | 20·9 | West Ham - - | 16·4 | 17·8 | 15·3 | 15·1 |
| Leeds - - | 19·9 | 18·6 | 19·6 | 19·4 | Wolverhampton - | 23·7 | 24·3 | 20·1 | 13·0 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·0 in Gateshead, 1·4 in Norwich, and 1·6 in Plymouth; from "*fever*," 1·1 in Halifax and in Leeds, 1·2 in Salford, 1·3 in Nottingham, 1·4 in Hull, and 2·2 in Sunderland; and from *diarrhœa*, 2·5 in Oldham, 2·6 in Bolton and in Manchester, 2·9 in Burnley and in Sunderland, 3·1 in West Ham, 3·6 in Hull, and 4·1 in Salford. In none of the thirty-three towns did the death-rate from *scarlet fever* or from *whooping-cough* reach 1·0 per 1000. The 72 deaths from *diphtheria* included 30 in London, 6 in Swansea, 6 in Sheffield, 5 in Portsmouth, 5 in Liverpool, 4 in Leicester, and 3 in West Ham. No death from *small-pox* was registered in any of the thirty-three towns.

## LONDON.

In LONDON† 2468 BIRTHS and 1497 DEATHS were registered. Allowing for increase of population, the births were 187, and the deaths 65, below the average numbers in the corresponding weeks of the last ten

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas, to which they belong.

years. The annual death-rate per 1000 from all causes, which had been 19·7, 18·8, and 18·5 in the preceding three weeks, further fell last week to 17·3. During the four weeks ending on Saturday last the death-rate averaged 18·6 per 1000, being 1·5 per 1000 above the mean rate in the corresponding periods of the ten years 1888–97.

The 1497 deaths included 12 from measles, 14 from scarlet fever, 30 from diphtheria, 10 from whooping-cough, 28 from enteric fever, 48 from diarrhœa and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 142 deaths were referred to these diseases, being 57 below the corrected average weekly number.

The deaths from *measles*, which had been 10, 7, and 9 in the preceding three weeks, further rose last week to 12, but were 23 below the corrected average. The deaths from *scarlet fever*, which had been 10, 7, and 7 in the preceding three weeks, rose again last week to 14, but were 10 below the corrected average; 4 cases belonged to St. Pancras sanitary area. The deaths from *diphtheria*, which had been 33, 34, and 41 in the preceding three weeks, fell again last week to 30, and were 26 below the corrected average; 6 cases belonged to Battersea, 3 to Paddington, 3 to St. Pancras, 3 to Newington, and 3 to Lambeth sanitary areas. The deaths from *whooping-cough*, which had been 29, 18, and 17 in the preceding three weeks, further fell last week to 10, and were 13 below the corrected average. The fatal cases of *enteric fever*, which had been 9, 6, and 18 in the preceding three weeks, further rose last week to 28, and were 9 above the corrected average; 3 cases occurred in the Guards' Hospital, Rochester Row, and 3 belonged to Greenwich, 2 to Hammersmith, 2 to Hampstead, 2 to Islington, 2 to Lambeth, and 2 to Wandsworth sanitary areas. The deaths from *diarrhœa*, which had been 247, 138, and 99 in the preceding three weeks, further fell last week to 48, but were 8 above the corrected average. The deaths referred to diseases of the respiratory organs, which had been 200, 226, and 263 in the preceding three weeks, were again 263 last week, the corrected average being 298. The deaths attributed directly to *influenza* numbered 15, having been 5, 4, and 9 in the preceding three weeks.

Different forms of violence caused 52 deaths, concerning all but 6 of which inquests were held. Of these 52 deaths, 3 were cases of suicide, while the remaining 49 were attributed to accident or negligence. Three of these were referred to vehicles in the streets, 3 to lead poisoning, 1 to the effects of chloroform administered for surgical purposes, 1 to sunstroke, and 6 (including 5 of infants under one year of age), to suffocation in bed.

### Cases of Infectious Sickness in Hospitals*.

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2915 cases of scarlet fever, 1169 of diphtheria, and 214 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 381 cases, against 300, 358, and 357; of diphtheria, 187 cases, against 197, 180, and 183; and of enteric fever, 44 cases, against 36, 35, and 38.

### Greater London.

In Greater London 3415 births and 1966 deaths were registered, corresponding to annual rates of 27·8 and 16·0 per 1000 of the estimated population. In the Outer Ring 2 deaths from measles, 3 from scarlet fever, 9 from diphtheria, 4 from whooping-cough, 9 from "fever," and 29 from diarrhœa were registered. Three deaths from diphtheria, and 5 from "fever" occurred in West Ham district.

### Meteorology.

The mean reading of the Barometer last week at Greenwich was 29·25 inches, and that of the Thermometer 55°·3; the latter being 6°·1 above the week's average in the 50 years 1841–90. The direction of the wind was variable, the horizontal movement of the air being 1 per cent. above the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 10·9 hours; the measured rainfall amounted to 1·42 inches.

* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Registered during the Week ending 22nd October 1898. Births. | Deaths. | The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Annual Rate per 1000, corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6-12. | Temperature of the Air. Highest. (Fahrenheit.) | Lowest. (Fahrenheit.) | Mean. Fahrenheit. | Centigrade. | Rainfall. In Inches. | In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| 33 Towns - | **11,218,378** | **6217** | **4043** | **1146** | **915** | **-** | **48** | **32** | **72** | **36** | **100** | **250** | **128** | **267** | **853** | **43** | **18·8** | **2·5** | **67·6** | **41·4** | **53·2** | **11·78** | **2·15** | **5·46** | 33 Towns. |
| London - - | 4,504,766 | 2468 | 1497 | 351 | 367 | - | 12 | 14 | 30 | 10 | 28 | 48 | 52 | 121 | 461 | 9 | 17·3 | 1·6 | 64·8 | 47·0 | 55·3 | 12·94 | 1·42 | 3·61 | London. |
| West Ham - - | 286,654 | 151 | 83 | 34 | 15 | - | 1 | - | 3 | 1 | 3 | 17 | 5 | 13 | 13 | 2 | 15·1 | 4·5 | - | - | - | - | - | - | West Ham. |
| Croydon - - | 124,421 | 61 | 35 | 13 | 11 | - | - | - | 1 | - | - | 1 | 2 | 7 | 8 | - | 14·7 | 0·8 | 65·0 | 47·5 | 54·7 | 12·61 | 1·49 | 3·78 | Croydon. |
| Brighton - - | 122,310 | 56 | 35 | 8 | 12 | - | - | 1 | - | - | 1 | 3 | 1 | 3 | 4 | - | 14·9 | 2·1 | 62·8 | 46·0 | 55·7 | 13·17 | 1·91 | 4·85 | Brighton. |
| Portsmouth - | 186,618 | 98 | 71 | 17 | 17 | - | 1 | 2 | 5 | - | 2 | - | 3 | 6 | 10 | 2 | 19·8 | 2·8 | 65·0 | 45·0 | 55·0 | 12·78 | 2·12 | 5·38 | Portsmouth. |
| Plymouth - - | 99,136 | 49 | 38 | 7 | 11 | - | 3 | - | - | 1 | - | - | - | 1 | 4 | - | 20·0 | 2·1 | - | - | - | - | - | - | Plymouth. |
| Bristol - - | 316,900 | 152 | 78 | 17 | 20 | - | - | - | - | 5 | - | 3 | 2 | 4 | 14 | - | 12·8 | 1·3 | 63·0 | 44·0 | 52·2 | 11·22 | 5·43 | 13·79 | Bristol. |
| Cardiff - - | 177,770 | 94 | 39 | 17 | 4 | - | - | - | - | - | - | 3 | 3 | 3 | 3 | - | 11·4 | 0·9 | - | - | - | - | - | - | Cardiff. |
| Swansea - - | 102,001 | 38 | 36 | 9 | 6 | - | - | - | 6 | - | 1 | 1 | 1 | 2 | 1 | 1 | 18·4 | 4·1 | - | - | - | - | - | - | Swansea. |
| Wolverhampton | 88,051 | 55 | 22 | 7 | 4 | - | - | - | - | - | - | 1 | - | 2 | 3 | - | 13·0 | 0·6 | 60·0 | 41·4 | 50·4 | 10·22 | 1·18 | 3·00 | Wolverhampton. |
| Birmingham - | 510,343 | 313 | 209 | 67 | 38 | - | 1 | - | 2 | 3 | 3 | 3 | 4 | 7 | 21 | 3 | 21·4 | 1·2 | - | - | - | - | - | - | Birmingham. |
| Norwich - - | 111,699 | 60 | 49 | 13 | 14 | - | 3 | 2 | - | - | 1 | 4 | - | 3 | 3 | 1 | 22·9 | 4·7 | 67·6 | 47·0 | 55·4 | 13·00 | 1·24 | 3·15 | Norwich. |
| Leicester - - | 208,662 | 100 | 59 | 13 | 16 | - | - | - | 4 | - | 3 | 3 | 2 | 5 | 14 | 2 | 14·7 | 2·5 | - | - | - | - | - | - | Leicester. |
| Nottingham - | 236,137 | 127 | 93 | 23 | 30 | - | 3 | 2 | 1 | - | 6 | 8 | 1 | 3 | 18 | - | 20·5 | 4·4 | 61·5 | 45·4 | 51·4 | 10·78 | 1·83 | 4·65 | Nottingham. |
| Derby - - - | 104,834 | 52 | 28 | 11 | 5 | - | 1 | - | - | 1 | 1 | - | - | - | 1 | - | 13·9 | 1·5 | - | - | - | - | - | - | Derby. |
| Birkenhead - | 113,189 | 67 | 38 | 15 | 8 | - | 1 | - | 2 | - | 1 | 1 | - | - | 3 | - | 17·5 | 2·3 | - | - | - | - | - | - | Birkenhead. |
| Liverpool - - | 633,645 | 427 | 297 | 89 | 52 | - | 4 | 2 | 5 | 4 | 3 | 21 | 14 | 19 | 66 | 11 | 24·4 | 3·2 | 63·9 | 46·5 | 51·6 | 10·89 | 1·82 | 4·62 | Liverpool. |
| Bolton† - - | 122,495 | 77 | 42 | 17 | 6 | - | - | - | - | - | - | 6 | 2 | 4 | 3 | - | 17·9 | 2·6 | - | - | - | - | - | - | Bolton.† |
| Manchester - | 539,079 | 339 | 243 | 87 | 44 | - | 9 | 1 | 2 | 1 | 6 | 27 | 3 | 4 | 47 | 3 | 23·5 | 4·4 | - | - | - | - | - | - | Manchester. |
| Salford - - | 215,702 | 117 | 125 | 36 | 31 | - | 1 | 3 | 2 | 1 | 5 | 17 | - | 5 | 23 | 1 | 30·2 | 7·0 | - | - | - | - | - | - | Salford. |
| Oldham - - | 148,288 | 69 | 48 | 14 | 10 | - | - | 1 | - | - | - | 7 | 1 | 1 | 8 | 1 | 16·9 | 2·8 | - | - | - | - | - | - | Oldham. |
| Burnley - - | 109,546 | 52 | 35 | 10 | 6 | - | - | - | - | - | - | 6 | 2 | 3 | 3 | - | 16·7 | 2·9 | - | - | - | - | - | - | Burnley. |
| Blackburn - - | 133,228 | 74 | 32 | 7 | 8 | - | - | - | - | - | 1 | 4 | 1 | 2 | 4 | - | 12·5 | 2·0 | - | - | - | - | - | - | Blackburn. |
| Preston - - | 116,356 | 55 | 48 | 16 | 12 | - | - | - | - | 2 | - | 4 | 2 | 2 | 2 | 2 | 21·5 | 2·7 | - | - | - | - | - | - | Preston. |
| Huddersfield - | 102,454 | 57 | 23 | 7 | 9 | - | - | - | - | - | 1 | 2 | 1 | 1 | 3 | 1 | 11·7 | 1·5 | 65·0 | 44·5 | 50·4 | 10·22 | 2·67 | 6·78 | Huddersfield. |
| Halifax - - | 96,729 | 45 | 38 | 10 | 8 | - | - | 1 | - | 1 | 2 | 1 | 1 | 2 | 8 | 1 | 20·5 | 2·7 | - | - | - | - | - | - | Halifax. |
| Bradford - - | 233,737 | 99 | 64 | 21 | 18 | - | - | - | - | - | 1 | 2 | 2 | 4 | 7 | - | 14·3 | 0·7 | 67·0 | 46·4 | 53·4 | 11·89 | 2·43 | 6·17 | Bradford. |
| Leeds - - - | 416,618 | 250 | 155 | 52 | 27 | - | - | 2 | 2 | - | 9 | 15 | 3 | 8 | 14 | - | 19·4 | 3·5 | - | - | - | - | - | - | Leeds. |
| Sheffield - - | 356,478 | 218 | 162 | 55 | 36 | - | 3 | 1 | 6 | 2 | 5 | 7 | 7 | 9 | 17 | 2 | 23·7 | 3·5 | - | - | - | - | - | - | Sheffield. |
| Hull - - - | 229,887 | 142 | 92 | 38 | 20 | - | 2 | - | - | 3 | 6 | 16 | 3 | 7 | 13 | - | 20·9 | 6·1 | 65·0 | 45·0 | 52·5 | 11·39 | 2·25 | 5·71 | Hull. |
| Sunderland - | 143,849 | 83 | 71 | 20 | 13 | - | - | - | - | - | 6 | 8 | 2 | 4 | 15 | - | 25·7 | 5·1 | - | - | - | - | - | - | Sunderland. |
| Gateshead - - | 103,775 | 65 | 45 | 22 | 6 | - | 2 | - | - | 1 | 1 | 3 | 4 | 4 | 2 | - | 22·6 | 3·5 | - | - | - | - | - | - | Gateshead. |
| Newcastle - - | 223,021 | 107 | 113 | 23 | 31 | - | 1 | - | 1 | - | 4 | 8 | 4 | 8 | 37 | 1 | 26·4 | 3·3 | - | - | - | - | - | - | Newcastle. |

* See note * on first page of this return.

† The recent extension of the Borough of Bolton will not be taken into account in the Weekly Returns until 1899.

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the FORTY-SECOND Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2459 | 2518 | 2412 | 2562 | 2446 | 2559 | 2516 | 2629 | 2516 | 2610 | 2654·6 | 2468 |
| Males - - | 1280 | 1287 | 1253 | 1276 | 1230 | 1248 | 1303 | 1308 | 1261 | 1342 | 1345·6 | 1248 |
| Females - | 1179 | 1231 | 1159 | 1286 | 1216 | 1311 | 1213 | 1321 | 1255 | 1268 | 1309·0 | 1220 |
| TOTAL **Deaths** - | 1641 | 1410 | 1741 | 1428 | 1449 | 1554 | 1326 | 1518 | 1333 | 1442 | 1561·8 | 1497 |
| Males - - | 854 | 721 | 892 | 711 | 783 | 808 | 693 | 766 | 706 | 708 | 804·1 | 795 |
| Females - - | 787 | 689 | 849 | 717 | 666 | 746 | 633 | 752 | 627 | 734 | 757·7 | 702 |

*The numbers in this column are the average weekly numbers in the forty-second week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | July 30. | Aug 6. | Aug. 13. | Aug. 20. | Aug. 27. | Sept. 3. | Sept. 10. | Sept. 17. | Sept. 24. | Oct. 1. | Oct. 8. | Oct. 15. | Oct. 22, |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** - - | 2696 | 2335 | 2807 | 2489 | 2551 | 2650 | 2446 | 2499 | 2574 | 2614 | 2554 | 2454 | 2468 |
| TOTAL **Deaths** - - - | 1452 | 1586 | 1772 | 2019 | 1856 | 1898 | 2007 | 1832 | 1863 | 1700 | 1620 | 1600 | 1497 |
| Ages at Death: Under 1 year - - | 493 | 592 | 800 | 915 | 886 | 887 | 929 | 786 | 764 | 619 | 498 | 415 | 351 |
| 1—5 years - - | 175 | 198 | 212 | 233 | 222 | 203 | 244 | 211 | 202 | 195 | 182 | 180 | 167 |
| 5—20 " - - | 71 | 85 | 72 | 61 | 64 | 83 | 76 | 64 | 86 | 76 | 76 | 95 | 93 |
| 20—40 " - - | 181 | 158 | 151 | 172 | 157 | 189 | 200 | 178 | 204 | 185 | 180 | 204 | 199 |
| 40—60 " - - | 248 | 262 | 235 | 283 | 236 | 259 | 241 | 270 | 269 | 293 | 314 | 324 | 320 |
| 60—80 " - - | 226 | 238 | 255 | 295 | 243 | 226 | 256 | 269 | 266 | 288 | 291 | 307 | 290 |
| 80 year and upwards | 58 | 53 | 47 | 60 | 48 | 51 | 61 | 54 | 72 | 44 | 79 | 75 | 77 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox - - - - | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Measles - - - - | 23 | 14 | 31 | 18 | 20 | 11 | 16 | 8 | 12 | 10 | 7 | 9 | 12 |
| Scarlet Fever - - - | 7 | 8 | 10 | 17 | 7 | 5 | 8 | 3 | 9 | 10 | 7 | 7 | 14 |
| Diphtheria - - - - | 21 | 30 | 27 | 26 | 21 | 19 | 30 | 29 | 29 | 33 | 34 | 41 | 30 |
| Whooping-cough - - - | 30 | 29 | 34 | 32 | 32 | 29 | 40 | 25 | 31 | 29 | 18 | 17 | 10 |
| Typhus - - - - - | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Enteric Fever - - - | 7 | 10 | 2 | 13 | 9 | 15 | 19 | 7 | 9 | 9 | 6 | 18 | 28 |
| Simple Continued Fever - | – | – | 1 | 1 | – | 1 | – | – | – | – | – | – | – |
| Diarrhœa and Dysentery .. | 138 | 227 | 329 | 432 | 461 | 431 | 433 | 397 | 347 | 247 | 138 | 99 | 48 |
| Cholera - - - - - | 8 | 13 | 15 | 14 | 14 | 13 | 13 | 14 | 7 | 10 | 1 | 1 | – |
| All the above Diseases - | 234 | 331 | 449 | 553 | 564 | 524 | 559 | 483 | 444 | 348 | 211 | 193 | 142 |
| Dis. of Respiratory System - | 173 | 174 | 171 | 195 | 135 | 127 | 130 | 135 | 157 | 200 | 226 | 263 | 263 |
| Phthisis - - - - - | 133 | 124 | 139 | 116 | 107 | 144 | 140 | 133 | 127 | 147 | 148 | 173 | 169 |
| Dis. of Circulatory System - | 116 | 122 | 127 | 111 | 106 | 116 | 111 | 123 | 121 | 136 | 140 | 143 | 137 |
| Violence - - - - | 80 | 73 | 62 | 69 | 73 | 60 | 71 | 96 | 58 | 66 | 76 | 56 | 52 |
| Inquest Cases - - - - | 164 | 139 | 131 | 139 | 150 | 124 | 135 | 166 | 133 | 147 | 147 | 145 | 121 |
| Deaths in Public Institutions - | 446 | 413 | 428 | 500 | 407 | 469 | 470 | 470 | 495 | 446 | 483 | 491 | 461 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean - - - - - | 61°·0 | 63°·8 | 61°·9 | 69°·5 | 65°·4 | 61°·1 | 70°·4 | 66°·4 | 57°·2 | 52°·9 | 56°·1 | 49°·5 | 55°·3 |
| Mean of Highest readings - | 70·4 | 75·9 | 72·2 | 82·1 | 76·8 | 73·2 | 83·6 | 79·5 | 68·7 | 63·8 | 62·4 | 55·1 | 60·0 |
| Mean of Lowest readings - | 54·1 | 52·7 | 53·6 | 59·3 | 55·8 | 50·5 | 60·0 | 55·1 | 47·1 | 42·5 | 50·1 | 44·5 | 50·8 |
| Humidity of the Air - - | 76 | 69 | 76 | 69 | 73 | 67 | 68 | 64 | 75 | 72 | 82 | 86 | 87 |
| Rain-fall (in inches) - - | 0·72 | 0·06 | 0·56 | 0·03 | 0·14 | 0·08 | 0·00 | 0·02 | 0·12 | 0·16 | 0·02 | 0·42 | 1·42 |
| Registered Sunshine (in hours) | 25·6 | 58·4 | 35·6 | 61·0 | 45·1 | 60·7 | 59·7 | 56·8 | 33·8 | 42·4 | 18·3 | 12·5 | 10·9 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox - - - - - | – | 1 | 1 | 2 | 2 | 2 | 3 | 2 | 1 | – | – | – | – |
| Scarlet Fever - - - - | 2321 | 2326 | 2293 | 2241 | 2178 | 2240 | 2300 | 2319 | 2353 | 2459 | 2606 | 2728 | 2915 |
| Diphtheria - - - - | 1022 | 1024 | 953 | 937 | 903 | 869 | 893 | 916 | 964 | 1027 | 1052 | 1125 | 1169 |
| Enteric Fever - - - - | 87 | 97 | 106 | 106 | 115 | 118 | 119 | 127 | 128 | 155 | 176 | 191 | 214 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton: A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott. Esq., Bristol; E. Simpson, Esq., Wrottesley Wolverhampton; Arthur Brown. Esq., M.Inst. C.E., and F. Boobbyer Esq.. M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington. Esq.. M.R.C.S., Preston; A. Johnson, Esq., M.Inst.C.E., Bradford; and Mr. E. Peak, Hull.

ABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-SECOND Week of the Year 1898.

| USES OF DEATH | Corrected Averages for the 42nd Week of the 10 years 1888-97*. | In the Week ending Saturday, 22nd October 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0-1 | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| AUSES - - - | 1561·8 | 1497 | 351 | 167 | 93 | 199 | 320 | 290 | 77 |
| - Vaccinated† - | - | - | - | - | - | - | - | - | - |
| - Unvaccinated | 0·1 | - | - | - | - | - | - | - | - |
| - No Statement | - | - | - | - | - | - | - | - | - |
| es - - - - | 35·4 | 12 | - | 12 | - | - | - | - | - |
| t Fever - - - | 24·1 | 14 | 1 | 9 | 4 | - | - | - | - |
| s - - - - | 0·3 | - | - | - | - | - | - | - | - |
| ing Fever - - | - | - | - | - | - | - | - | - | - |
| nza - - - - | 4·6 | 15 | 2 | 1 | - | 4 | 5 | 3 | - |
| oing-cough - - | 22·8 | 10 | 5 | 4 | 1 | - | - | - | - |
| heria - - | 55·8 | 30 | 2 | 11 | 15 | - | 1 | 1 | - |
| e Continued and efined Fever - | 0·9 | - | - | - | - | - | - | - | - |
| c Fever - - - | 18·3 | 28 | - | - | 3 | 14 | 5 | 1 | - |
| a and Chol. Diarr. | 0·5 | - | - | - | - | - | - | - | - |
| hœa, Dysentery - | 40·4 | 48 | 36 | 7 | - | - | - | 4 | 1 |
| tent Fever - - | - | - | - | - | - | - | - | - | - |
| phobia - - - | - | - | - | - | - | - | - | - | - |
| ers - - - - | - | - | - | - | - | - | - | - | - |
| ox and Effects of ination - - | 0·2 | - | - | - | - | - | - | - | - |
| al Affections - - | 10·9 | 8 | 3 | 1 | 1 | 1 | 1 | 1 | - |
| elas - - - | 5·6 | 7 | - | - | - | 1 | 2 | 3 | 1 |
| ia and Septicæmia | 2·5 | 1 | - | - | - | - | - | 1 | - |
| eral Fever - - | 4·6 | 6 | - | - | - | 6 | - | - | - |
| Zymotic Diseases | 1·3 | 2 | - | - | - | 1 | - | 1 | - |
| h - - - - | 1·5 | 2 | 2 | - | - | - | - | - | - |
| s and other Parasitic Diseases - | 0·3 | 1 | - | - | - | - | - | 1 | - |
| tion, Want of st-milk - - | 1·5 | 2 | 2 | - | - | - | - | - | - |
| olism - - - | 9·2 | 11 | - | - | - | 3 | 7 | 1 | - |
| natic Fever, umatism of Heart | 11·9 | 7 | 1 | - | 1 | 2 | 1 | 2 | - |
| natism - - - | 2·2 | 2 | - | - | - | - | 1 | - | 1 |
| - - - - - | 2·7 | - | - | - | - | - | - | - | - |
| ts - - - - | 3·6 | 4 | 2 | 2 | - | - | - | - | - |
| r - - - - | 69·2 | 76 | - | - | - | 5 | 28 | 40 | 3 |
| Mesenterica - - | 25·9 | 23 | 14 | 5 | 2 | 1 | 1 | - | - |
| cular Meningitis - | 21·4 | 16 | 6 | 7 | 2 | 1 | - | - | - |
| sis - - - - | 170·6 | 169 | 4 | 3 | 14 | 67 | 71 | 10 | - |
| la, Tuberculosis - | 16·2 | 17 | 6 | 4 | 3 | 2 | 2 | - | - |
| Constitutional ases - - | 12·2 | 17 | - | 1 | 3 | 3 | 6 | 4 | - |
| ature Birth - - | 53·6 | 40 | 40 | - | - | - | - | - | - |
| tasis - - - | 3·9 | 4 | 4 | - | - | - | - | - | - |
| nital Malforma- s - - - | 7·9 | 7 | 6 | - | 1 | - | - | - | - |
| ge - - - - | 43·1 | 47 | - | - | - | - | - | 18 | 29 |
| exy - - - | 40·2 | 40 | - | 1 | 1 | 2 | 16 | 15 | 5 |
| psy - - - - | 6·4 | 2 | - | - | 1 | 1 | - | - | - |
| llsions - - - | 41·7 | 23 | 18 | 3 | 2 | - | - | - | - |
| Diseases of Brain Nervous System | 74·1 | 74 | 7 | 9 | 4 | 11 | 21 | 18 | 4 |
| ses of Organs of cial Sense - | 3·4 | 7 | 2 | 3 | 1 | - | 1 | - | - |

| CAUSES OF DEATH | Corrected Averages for the 42nd Week of the 10 years 1888-97*. | In the Week ending Saturday, 22nd October 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 131·3 | 137 | 1 | 1 | 6 | 17 | 53 | 50 | 9 |
| Croup - - - - | 8·5 | - | - | - | - | - | - | - | - |
| Bronchitis - - - | 171·0 | 130 | 36 | 24 | - | 4 | 8 | 48 | 10 |
| Pneumonia - - - | 92·1 | 105 | 28 | 28 | 3 | 10 | 15 | 18 | 3 |
| Pleurisy - - - - | 4·9 | 5 | - | 1 | 2 | 1 | - | 1 | - |
| Other Diseases of Respiratory System - | 21·6 | 23 | 5 | - | 2 | - | 5 | 9 | 2 |
| Dentition - - - - | 6·8 | 2 | 1 | 1 | - | - | - | - | - |
| Quinsy, Sore Throat - | 2·2 | 3 | 1 | 1 | 1 | - | - | - | - |
| Enteritis - - - - | 20·2 | 59 | 36 | 13 | 4 | 2 | 3 | - | 1 |
| Peritonitis - - - | 6·9 | 10 | - | - | 2 | 6 | 1 | 1 | - |
| Diseases of Liver - - | 26·7 | 30 | 1 | 1 | - | 6 | 14 | 6 | 2 |
| Other Diseases of Digestive System | 31·8 | 23 | 6 | - | 1 | 3 | 7 | 6 | - |
| Diseases of Lymphatic System & of Ductless Glands - - - | 1·9 | 2 | - | - | - | 1 | - | 1 | - |
| Diseases of Urinary System - - - | 45·2 | 46 | 1 | 1 | 3 | 7 | 18 | 12 | 4 |
| Diseases of Generative System - - - | 4·6 | 8 | - | 1 | - | 1 | 4 | 1 | 1 |
| Accidents of Childbirth - | 4·6 | 4 | - | - | - | 2 | 2 | - | - |
| Diseases of Locomotive System - - - | 5·5 | 5 | - | 1 | 1 | 3 | - | - | - |
| Diseases of Integumentary System - - | 7·8 | 6 | 1 | 1 | 1 | 1 | - | 2 | - |
| VIOLENT DEATHS‡ (ACCIDENT.) | | | | | | | | | |
| By Railways - - - | 52·3 | 5 | - | - | - | 2 | 3 | - | - |
| By Vehicles or Horses - | | 3 | - | - | - | - | 3 | - | - |
| In Ships, Boats, Docks, (exclusive of Drowning) - - - | | 1 | - | - | - | 1 | - | - | - |
| In Building Operations - | | 1 | - | - | 1 | - | - | - | - |
| In Conflagrations - | | - | - | - | - | - | - | - | - |
| By Burns, Scalds, Explosions - - | | 4 | - | 2 | 1 | - | 1 | - | - |
| By Drowning - - - | | 3 | - | - | - | 1 | 1 | 1 | - |
| By Suffocation in Bed - | | 6 | 5 | - | - | 1 | - | - | - |
| By Poisons or Poisonous Vapours - - | | 4 | - | - | - | - | 2 | 2 | - |
| Other or not stated causes - - - - | | 22 | 2 | 1 | 1 | 5 | 8 | 4 | 1 |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - | 1·3 | - | - | - | - | - | - | - | - |
| Suicide - - - - | 8·9 | 3 | - | - | - | - | 1 | 2 | - |
| Execution - - - | - | - | - | - | - | - | - | - | - |
| OTHER CAUSES - | 54·4 | 75 | 64 | 7 | - | - | 2 | 2 | - |

he numbers in this column are the average weekly deaths for the ten years 1888-97, raised by 5·230 per cent. for increase pulation.

lly those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered cal men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the e of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

he evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of cnt, murder manslaughter or suicide. All such cases are classed under "accident."

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEA SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in SUB-DISTRICT during the Week ending Saturday, 22nd October, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Continued Simple Fever. | Diarrhœa. | Violence. | Inquest Cases. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2468 | 1497 | 351 | 367 | – | 12 | 14 | 30 | 10 | – | 28 | – | 48 | 52 | 121 |
| WEST DISTRICTS - - - | 778,251 | 352 | 251 | 59 | 66 | – | – | 3 | 8 | 3 | – | 5 | – | 11 | 14 | 23 |
| NORTH DISTRICTS - - - | 1,040,694 | 501 | 317 | 70 | 86 | – | 3 | 6 | 7 | 3 | – | 9 | – | 9 | 9 | 23 |
| CENTRAL DISTRICTS - - - | 233,635 | 111 | 89 | 20 | 11 | – | 1 | – | 1 | – | – | – | – | 3 | 2 | 7 |
| EAST DISTRICTS - - - | 716,334 | 512 | 281 | 67 | 64 | – | 7 | – | 2 | 1 | – | 4 | – | 11 | 14 | 36 |
| SOUTH DISTRICTS - - - | 1,642,796 | 992 | 537 | 135 | 135 | – | 1 | 3 | 12 | 3 | – | 10 | – | 14 | 13 | 31 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | — | – | 22 | – | 5 | – | – | 2 | – | – | – | – | – | – | – | 1 |
| WEST DISTRICTS. | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 50 | 25 | 7 | 3 | – | – | – | 2 | 1 | – | – | – | – | 1 | 2 |
| St. John Paddington *H* - - G. | 33,510 | 8 | 16 | – | 3 | – | – | – | – | – | – | – | – | – | 3 | 3 |
| Kensington Town *Ww* - - W. | 122,164 | 57 | 51 | 10 | 17 | – | – | – | – | – | – | – | – | 2 | 4 | 5 |
| Brompton *HH*- - - W & C. | 48,301 | 9 | 13 | 2 | 6 | – | – | – | – | – | – | – | – | – | 1 | – |
| St. Peter Hammersmith - - W. | 9,097 | 1 | 1 | – | – | – | – | – | – | – | – | 1 | – | – | – | – |
| St. Paul Hammersmith *HH* W. & G. | 35,102 | 63 | 22 | 8 | 4 | – | – | – | – | – | – | 1 | – | 1 | – | 1 |
| Fulham *Ww* - - - W. & C. | 113,781 | 77 | 46 | 14 | 10 | – | – | 3 | 6 | – | – | – | – | 1 | 3 | 3 |
| Chelsea Kensal Town - C. | 21,450 | 6 | 3 | 2 | 1 | – | – | – | – | – | – | – | – | 1 | – | – |
| Chelsea North *WHHHHH* - C. | 42,057 | 18 | 15 | 3 | 3 | – | – | – | – | 1 | – | – | – | 1 | 1 | 2 |
| Chelsea South *HH* - - C. | 33,139 | 12 | 5 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| May Fair *W* - - - - G. | 23,827 | 4 | 10 | – | 6 | – | – | – | – | – | – | – | – | – | – | – |
| Belgrave *WHHH* - - - C. | 56,140 | 18 | 14 | 2 | 6 | – | – | – | – | – | – | – | – | 1 | 1 | 2 |
| St. John Westminster *HH* - C. | 31,492 | 14 | 15 | 6 | 3 | – | – | – | – | 1 | – | 3 | – | 1 | – | 4 |
| St. Margaret Westminster *H*- C. | 22,097 | 5 | 6 | – | – | – | – | – | – | – | – | – | – | 1 | – | 1 |
| St. James Westminster *WHH* N. & G. | 23,050 | 3 | 8 | 2 | 3 | – | – | – | – | – | – | – | – | 2 | – | – |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 7 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| NORTH DISTRICTS. | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - - W. | 36,595 | 8 | 20 | 1 | 5 | – | – | – | – | – | – | 1 | – | – | 1 | 3 |
| Rectory Marylebone *W* G. & W. | 19,798 | 7 | 3 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 23 | 9 | 3 | 3 | – | – | – | – | – | – | – | – | – | – | – |
| Christchurch Marylebone *H* - W | 32,547 | 17 | 6 | 2 | 2 | – | – | – | – | 1 | – | – | – | – | – | 1 |
| St. John Marylebone *HHH* W. | 32,611 | 13 | 8 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 26 | 30 | 2 | 6 | – | – | 5 | 3 | – | – | 6 | – | – | – | – |
| Regent's Park Pancras *HH* - W. | 37,341 | 16 | 6 | – | 1 | – | – | – | – | – | – | – | – | – | – | 1 |
| Tottenham-court *wHHHH* - N. & W. | 26,757 | 13 | 11 | 1 | 1 | – | – | – | – | – | – | – | – | 1 | 1 | 1 |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 24 | 7 | 1 | 1 | – | – | – | – | – | – | – | – | 2 | 2 | 3 |
| Somers Town *HH* - - - N. | 32,161 | 21 | 9 | 4 | – | – | – | – | 1 | 2 | – | – | – | – | – | – |
| Camden Town *WH* - - N. | 16,669 | 7 | 11 | – | 8 | – | – | – | – | – | – | – | – | – | 1 | 1 |
| Kentish Town *WW* - - N. | 98,410 | 50 | 23 | 3 | 7 | – | – | – | – | – | – | – | – | 1 | 1 | 2 |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 48 | 47 | 10 | 18 | – | 1 | – | – | – | – | – | – | 1 | 2 | 4 |
| Islington South-west H - N. | 107,365 | 48 | 22 | 10 | 5 | – | – | – | – | – | – | – | – | 1 | – | 1 |
| Islington South-east - - N. | 66,549 | 24 | 13 | 5 | 4 | – | – | – | – | – | – | – | – | – | – | 1 |
| Highbury *HH* - - - N. | 64,577 | 29 | 18 | 6 | 4 | – | – | – | – | – | – | 1 | – | 2 | – | – |
| Stoke Newington *H* - - N. | 33,485 | 11 | 5 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| North Hackney - - E. & N. | 213,044 | 21 | 7 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | 1 |
| Central Hackney *ww* - E. & N. | | 28 | 9 | 2 | 2 | – | – | 1 | 3 | – | – | – | – | – | 1 | 1 |
| South-west Hackney *HHH* E. & N. | | 33 | 28 | 9 | 5 | – | 1 | – | – | – | – | 1 | – | – | – | 2 |
| South-east Hackney *WwH* E.&N. | | 34 | 25 | 6 | 8 | – | 1 | – | – | – | – | – | – | 1 | – | 1 |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated t namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupe received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Ju Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River London; and K. the Kent Company.

See note † on first page of this Return.

LE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday, 22nd October, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population. 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Fever. | Continued Diarrhœa. | Violence | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CENTRAL DISTRICTS. | | | | | | | | | | | | | | | | | | |
| George Bloomsbury - - N. | 16,110 | 4 | 5 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Giles South *WH* - - N. | 12,976 | 12 | 4 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 2 | – |
| Giles North *H* - - - N. | 9,151 | – | 4 | – | – | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| Martin-in-the-Fields *HH* N. & C. | 13,077 | – | 8 | – | 2 | – | – | – | – | – | – | – | – | – | 1 | 1 | 6 | – |
| and *WHH* - - - - N. | 11,839 | 7 | 4 | 2 | 1 | – | – | – | – | – | – | – | – | 1 | – | – | 2 | – |
| and Union Workhouse, *Edmonton* | †1,037 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| lborn *wHHHHHH* - N. | 31,042 | 6 | 15 | 4 | 2 | – | – | – | 1 | – | – | – | – | – | – | 1 | 11 | – |
| James Clerkenwell - - N. | 15,777 | 9 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| nwell Clerkenwell - - N. | 34,356 | 20 | 3 | – | – | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| swell-street - - - - N. | 16,069 | 8 | 4 | 2 | – | – | – | – | – | – | – | – | – | 1 | – | 1 | – | – |
| cy-road *HHHL* - - - N. | 29,597 | 38 | 18 | 9 | – | – | – | – | – | – | – | – | – | 1 | 1 | 1 | 2 | – |
| nitecross-street - - - N. | 7,595 | 1 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| nsbury - - - - - N. | 4,035 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| lborn Union Workhouse, Mitcham - - - - | †892 | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Botolph *H* - - N. & E. | 6,870 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| ipplegate - - - - N. | 3,299 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| Sepulchre *WH* - - - N. | 9,591 | 2 | 16 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | 13 | – |
| hallows Barking - - - N. | 9,059 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| oad Street *H* - - - N. | 2,892 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| y of London Asylum, *Stone* - - | †388 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| EAST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| oreditch South *Hl* - E. & N. | 17,975 | 6 | 7 | 4 | – | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| oxton New Town *w* - - N. | 29,575 | 15 | 12 | 2 | 5 | – | – | – | – | – | – | – | – | 1 | 1 | 2 | 6 | – |
| oxton Old Town - - - N. | 27,645 | 31 | 12 | 4 | 1 | – | 1 | – | – | – | – | – | – | – | 2 | 2 | – | – |
| aggerston *WH* - - N. & E. | 47,163 | 33 | 23 | 6 | 8 | – | – | – | – | – | – | 1 | – | – | – | 3 | 12 | – |
| thnal Green North *H* - E. | 49,301 | 40 | 15 | 4 | 2 | – | 1 | – | – | – | – | 1 | – | 2 | – | 1 | 3 | – |
| thnal Green South - - E. | 34,194 | 18 | 5 | 3 | – | – | – | – | – | – | – | – | – | 1 | – | – | – | – |
| thnal Green East *WHl* - E. | 45,667 | 21 | 14 | 3 | 5 | – | 1 | – | – | – | – | – | – | – | – | – | 7 | – |
| italfields - - - E. & N. | 26,681 | 15 | 2 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| ile End New Town *W* - E. | 12,816 | 3 | 9 | – | 3 | – | – | – | – | – | – | – | – | 1 | – | – | 7 | – |
| hitechapel Church *H* - E. & N. | 25,561 | 14 | 33 | 3 | 4 | – | 1 | – | – | – | – | 1 | – | – | 5 | 6 | 26 | – |
| oodman's Fields - - - E. | 13,618 | 12 | 4 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| . George's North - - - E. | 39,576 | 41 | 12 | 4 | 3 | – | – | – | – | – | – | – | – | 1 | – | – | – | – |
| . John, St. George East *W* E. | 7,930 | 3 | 9 | 1 | 5 | – | – | – | – | 1 | – | – | – | – | – | – | 5 | – |
| nadwell *H* - - - E. & N. | 10,434 | 7 | 6 | 2 | – | – | – | – | – | – | – | – | – | 2 | – | – | 4 | – |
| atcliff *W* - - - - E. | 14,954 | 11 | 6 | 2 | – | – | – | – | 1 | – | – | – | – | – | – | – | – | – |
| mehouse - - - - E. | 32,917 | 28 | 11 | 3 | 2 | – | 1 | – | – | – | – | – | – | – | 1 | 1 | – | – |
| ile End Old Town West *H* E. | 111,060 | 38 | 13 | 3 | 2 | – | 1 | – | 1 | – | – | – | – | – | – | 1 | – | – |
| ile End Old Town East *WWww* - E. | | 36 | 26 | 8 | 8 | – | – | – | – | – | – | – | – | – | 2 | 5 | 11 | – |
| ow *l* - - - - E. | 41,687 | 37 | 10 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | 2 | – | – |
| romley *wwwH* - - - E. | 69,821 | 56 | 36 | 4 | 11 | – | 1 | – | – | – | – | 1 | – | 1 | 3 | 10 | 18 | – |
| oplar *WW* - - - - E. | 57,759 | 47 | 16 | 7 | 2 | – | – | – | – | – | – | – | – | 2 | – | 3 | – | – |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 22nd October, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WH* L.&S. | 13,064 | 5 | 6 | 1 | 1 | – | 1 | – | – | – | – | – | – | – | – | 2 | – |
| St. Saviour Southwark - - S. | 12,301 | 11 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Kent-road - - - - S. & L. | 22,879 | 25 | 14 | 7 | 1 | – | – | – | – | – | – | – | – | 1 | 1 | 1 | – |
| Borough-road *WH* - S. & L. | 16,083 | 14 | 11 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 1 |
| London-road *HL* - - L. & S. | 21,316 | 19 | 6 | – | 2 | – | – | – | – | – | – | – | – | – | 1 | 2 | – |
| Trinity Newington - - S. & L. | 28,723 | 22 | 5 | – | 1 | – | – | – | – | – | – | – | – | – | – | 1 | – |
| St. Peter Walworth *W* - S. & L. | 62,045 | 41 | 20 | 7 | 6 | – | – | – | – | – | – | – | – | – | – | 2 | – |
| St. Mary Newington- - L. & S. | 30,171 | 18 | 13 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | 1 | – |
| St. Olave *WH*- - - - S. | 11,731 | 10 | 14 | 4 | 2 | – | – | – | – | – | – | – | – | – | 1 | 1 | 11 |
| Bermondsey* *W* - - - S. | 85,475 | 64 | 35 | 15 | 4 | – | – | – | 1 | – | – | – | – | 2 | – | – | – |
| Rotherhithe *WwH* - S. & K. | 40,379 | 18 | 13 | 4 | 3 | – | – | – | – | – | – | – | – | – | – | 1 | 5 |
| Waterloo-road *HH* - L. & S. | 28,396 | 31 | 4 | – | 1 | – | – | – | – | – | – | – | – | 1 | – | – | – |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 8 | 15 | 2 | 1 | – | – | – | – | – | – | 1 | – | – | – | – | 15 |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 34 | 26 | 10 | 6 | – | – | – | – | – | – | – | – | – | – | 1 | 14 |
| Kennington 1st *H* - S. & L. | 52,486 | 35 | 12 | 3 | 4 | – | – | – | – | – | – | – | – | 1 | – | – | – |
| Kennington 2nd - - S. & L. | 43,244 | 19 | 10 | 3 | 5 | – | – | – | – | 1 | – | – | – | – | – | – | – |
| Brixton *w* - - - L. & S. | 81,825 | 40 | 11 | 1 | 3 | – | – | – | 1 | – | – | 3 | – | 1 | – | – | 4 |
| Norwood *WH*- - - - L. | 29,318 | 19 | 8 | – | 4 | – | – | – | – | – | – | – | – | – | 1 | – | – |
| East Battersea - - - - S. | 71,730 | 47 | 23 | 7 | 5 | – | – | – | 2 | – | – | – | – | 1 | – | 2 | – |
| West Battersea *WwH* - - S. | 93,385 | 47 | 30 | 4 | 6 | – | – | – | 2 | – | – | – | – | 1 | – | 1 | 12 |
| Clapham *H* - - - - S. | 46,953 | 29 | 12 | 3 | 4 | – | – | – | – | – | – | – | – | – | – | 1 | 1 |
| Wandsworth *WHHL* - - S. | 58,101 | 29 | 21 | 6 | 6 | – | – | – | – | – | – | 2 | – | – | 1 | 1 | 3 |
| Putney - - - - - S. | 20,566 | 14 | 9 | – | 4 | – | – | – | – | – | – | – | – | – | 1 | 1 | – |
| Streatham *WwwL* - - L. | 61,644 | 40 | 16 | 5 | 2 | – | – | – | 1 | – | – | – | – | 1 | – | – | 1 |
| Dulwich - - - - L. & S. | 7,519 | 2 | 3 | 1 | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 | – |
| Camberwell *Wwll* - S. & L. | 90,286 | 45 | 31 | 3 | 10 | – | – | – | – | 1 | – | – | – | – | 1 | 3 | 14 |
| Peckham *WW* - S., L., & K. | 88,242 | 51 | 21 | 8 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| St. George Camberwell - L. & S. | 67,029 | 38 | 17 | 2 | 6 | – | – | – | – | – | – | – | – | 1 | – | 1 | – |
| Deptford North - - - K. | 36,152 | 38 | 13 | 6 | 2 | – | – | – | 1 | – | – | – | – | – | 1 | 1 | – |
| Deptford Central *w* - - K. | 45,441 | 23 | 10 | 1 | 5 | – | – | 2 | – | – | – | – | – | 1 | – | – | 2 |
| Deptford South - - - K. | 33,402 | 9 | 10 | 4 | 2 | – | – | – | – | – | – | – | – | 1 | – | – | – |
| Greenwich West *H* - - K. | 23,012 | 14 | 12 | 5 | 3 | – | – | – | – | – | – | – | – | – | 2 | 2 | 1 |
| Greenwich East *WH* - - K. | 37,767 | 14 | 23 | 5 | 8 | – | – | – | – | – | – | 2 | – | – | – | 2 | 15 |
| Eltham *wH* - - - - K. | 5,911 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Lee *H* - - - - - K. | 24,222 | 8 | 6 | – | 4 | – | – | – | – | – | – | 1 | – | – | 1 | 1 | 1 |
| Lewisham *WwH* - - - K. | 38,139 | 24 | 9 | 1 | 3 | – | – | – | 2 | – | – | – | – | – | – | – | 3 |
| Sydenham *H* - - - - L. | 37,601 | 24 | 9 | 4 | 4 | – | – | – | – | – | – | – | – | 1 | – | – | – |
| Charlton *wHH* - - K. | 15,928 | 5 | 5 | – | 1 | – | – | 1 | 2 | – | – | 1 | – | – | – | – | 4 |
| Woolwich Dockyard - - K. | 19,355 | 7 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 13 | 4 | 1 | 1 | – | – | – | – | – | – | – | – | 1 | – | – | – |
| Plumstead West *H* - - K. | 16,714 | 10 | 4 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – | – |
| Plumstead East *WH* - - K. | 42,538 | 27 | 22 | 6 | 8 | – | – | – | – | 1 | – | – | – | – | 1 | 2 | 9 |
| Banstead Asylum - - - - | — | – | 5 | – | – | – | – | – | – | – | – | – | – | – | – | – | 5 |
| Caterham Asylum - - - - | — | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 |
| Cane Hill Asylum - - - - | — | – | 3 | – | 1 | – | – | – | – | – | – | – | – | – | – | 1 | 3 |
| Hospital Ships and Camp, Dartford | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Darenth Asylum - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| London County Asylum, Dartford Heath - - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Hanwell Asylum - - - - | — | – | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 2 |
| Colney Hatch Asylum - - - | — | – | 4 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 4 |
| N.E. Hospital - - - - - | — | – | 2 | – | – | – | – | 2 | – | – | – | – | – | – | – | – | 2 |
| Winchmore Hill Hospital - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Leavesden Asylum - - - - | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | 1 |
| Claybury Asylum - - - - | — | – | 4 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 4 |

* The two Sub-Districts of Leather Market and St. James Bermondsey were united on 1st September, and called Bermondsey.

E 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 22nd October, 1898.

| REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years & upwds. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ONDON—OUTER RING - | 368,749 | 1,422,063 | 947 | 469 | 153 | 117 | - | 2 | 3 | 9 | 4 | 9 | 29 | 13 | 29 | 59 | 7 |
| 1 Carshalton *wHH* - - | 12,228 | 26,108 | 13 | 6 | 2 | 1 | - | - | - | - | - | - | 1 | - | - | - | - |
| 2 Epsom, *part of** *WwHH* - | 10,423 | 12,508 | 7 | 8 | - | 6 | - | - | - | - | - | - | - | - | - | 6 | - |
| 1 Godstone, *part of** *W* - | 2,754 | 1,598 | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 Croydon *WwHHH* - - | 20,851 | 128,699 | 67 | 39 | 13 | 11 | - | - | - | 1 | - | - | 1 | 2 | 7 | 10 | - |
| 2 Mitcham *w* - - - | 11,697 | 23,088 | 19 | 3 | 3 | - | - | - | - | - | - | - | 1 | - | - | - | - |
| 1 Wimbledon *HHH* - - | 3,220 | 25,761 | 11 | 9 | 1 | 5 | - | - | - | - | - | - | - | - | - | 1 | - |
| 2 Kingston *W* - - | 14,672 | 33,566 | 21 | 8 | 4 | 1 | - | - | - | - | - | - | 1 | - | - | - | - |
| 3 Surbiton *H* - - - | | 12,178 | 3 | 5 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| 4 Esher, *part of** *HH* - - | | 11,080 | 6 | 3 | - | 3 | - | - | - | - | - | - | - | - | - | - | - |
| 5 Hampton *HL* - - - | 4,565 | 18,252 | 6 | 2 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 1 Richmond *WH* - - - | 2,160 | 25,389 | 10 | 5 | 1 | 1 | - | - | - | - | - | 1 | - | - | - | - | - |
| 2 Mortlake *H* - - - | 2,823 | 16,159 | 9 | 5 | 4 | - | - | - | - | - | - | 1 | - | - | - | - | - |
| 1 Bromley *HHH* - - - | 9,127 | 23,815 | 21 | 7 | - | 4 | - | - | - | - | - | - | - | - | - | 1 | - |
| 2 Beckenham *H* - - - | 6,542 | 21,969 | 8 | 4 | 1 | 1 | - | - | - | - | - | - | - | 1 | 1 | - | - |
| 3 Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 20 | 11 | 3 | 5 | - | - | - | - | - | - | 2 | - | - | 3 | 1 |
| 1 Bexley *HHH* - - - | 12,540 | 30,590 | 24 | 12 | 4 | - | - | - | - | 2 | - | - | - | - | - | - | 1 |
| 2 Dartford *WH*, *part of** - | — | — | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | - |
| 1 Sunbury *w* - - - | 11,054 | 13,671 | 4 | 7 | - | 3 | - | - | - | - | - | 1 | - | - | - | - | - |
| 2 Staines *WH* - - - | 13,277 | 13,221 | 10 | 9 | 1 | 3 | - | - | - | - | - | - | - | - | - | 3 | - |
| 1 Hillingdon *WHH* - - | 6,035 | 12,237 | 3 | 4 | - | 3 | - | - | - | 1 | - | - | - | - | - | 2 | - |
| 2 Uxbridge - - - - | 12,757 | 7,253 | 2 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 Hayes *wH* - - - - | 7,952 | 11,051 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 Isleworth *WHH* - - | 6,967 | 26,004 | 16 | 11 | 2 | 2 | - | - | - | 1 | - | - | - | - | - | - | 1 |
| 2 Twickenham *HH* - - | 2,415 | 16,027 | 12 | 6 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 3 Brentford *HHHH* - - | 4,318 | 37,777 | 15 | 4 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 4 Chiswick - - - - | 1,245 | 21,963 | 23 | 6 | 1 | 2 | - | - | - | - | - | - | - | 1 | 1 | - | - |
| 5 Acton *wHH* - - - | 6,132 | 30,945 | 19 | 9 | 3 | 2 | - | - | - | - | - | - | - | - | - | - | - |
| 1 Harrow *HHH* - - - | 13,809 | 15,715 | 4 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 2 Edgware *HH* - - - | 6,994 | 3,844 | 4 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 Willesden *HHH* - - | 4,383 | 61,265 | 54 | 29 | 9 | 5 | - | - | - | 1 | - | - | 1 | 1 | 1 | 1 | - |
| 4 Hendon *WH* - - - | 8,382 | 15,843 | 7 | 8 | 1 | 4 | - | - | - | - | - | - | - | - | - | 5 | - |
| 1 South Mimms *HH* - - | 21,077 | 6,367 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 Barnet *WHH* - - - | | 14,152 | 4 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 Finchley *HHH* - - - | 4,688 | 25,820 | 17 | 7 | 2 | 3 | - | - | - | - | - | - | 1 | - | - | - | - |
| 1 Hornsey *HH* - - - | 3,039 | 61,097 | 30 | 17 | 2 | 7 | - | - | - | - | - | - | 1 | - | - | - | - |
| 2 Tottenham *HH* - - - | 4,642 | 97,174 | 69 | 22 | 12 | 5 | - | - | - | - | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 3 Edmonton *Www* - - | 7,489 | 36,351 | 25 | 14 | 3 | 6 | - | - | - | - | - | - | - | - | 1 | 5 | - |
| 4 Enfield *WWHH* - - | 12,602 | 31,536 | 16 | 9 | 5 | 2 | - | - | 1 | - | - | - | - | - | - | 1 | - |
| 5 Waltham Abbey - - - | 11,017 | 6,066 | 2 | 3 | 2 | 1 | - | - | - | - | - | - | 1 | - | - | - | - |
| 6 Cheshunt *H* - - - | 8,480 | 9,620 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 Hatfield, *part of** *W* - - | 3,306 | 582 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 Bushey *H* - - - | 9,331 | 7,737 | 7 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 Watford *WH*, *part of** - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 Stratford *H* - - - | 4,706 | 38,612 | 21 | 15 | 7 | 4 | - | - | - | - | - | - | 3 | - | 3 | 1 | 1 |
| 2 Plaistow *WHHH* - - | | 58,030 | 64 | 26 | 12 | 5 | - | 1 | - | 3 | - | 1 | 5 | - | 2 | 3 | 1 |
| 3 Canning Town *H* - - | | 54,750 | 49 | 23 | 11 | 1 | - | - | - | - | - | 1 | 8 | 4 | 7 | - | - |
| 4 Forest Gate *w* - - - | | 53,511 | 17 | 10 | 4 | 2 | - | - | - | - | 1 | 1 | 1 | - | - | - | - |
| 5 East Ham *wH* - - | 3,266 | 32,713 | 55 | 21 | 8 | 5 | - | - | - | - | - | - | - | - | - | - | - |
| 6 Leyton *WWWwH* - - | 4,334 | 70,188 | 54 | 32 | 7 | 5 | - | 1 | - | - | 1 | 1 | - | 1 | 1 | 11 | - |
| 7 Walthamstow *HHL* - - | 6,501 | 57,330 | 62 | 25 | 11 | 1 | - | - | 2 | - | 1 | 1 | - | 1 | 2 | 1 | 1 |
| 1 Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 1 | 1 | 1 | - | - | - | - | - | - | - | 1 | - | - | - | - |
| 2 Epping *WH*, *part of** - - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 Romford, *part of** *WH* - | 6,556 | 4,324 | 3 | 3 | - | 2 | - | - | - | - | - | - | - | - | - | 2 | - |
| 2 Ilford - - - - - | 8,493 | 10,913 | 15 | 4 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 Barking Town, *H* - - | 3,814 | 14,301 | 11 | 3 | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| Middlesex Co. Lunatic Asy., Wandsworth. | — | — | - | 1 | - | 1 | - | - | - | - | - | - | - | 1 | 1 | 1 | - |

The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring as follows:—30: 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37: 1, the parishes of Warlingham Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in field sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for ctious Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford; and 187: 2, Epping sub-districts

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 22nd October, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | ANNUAL RATE of MORTALITY per 1000 living. From All Causes. | From Diseases in Cols. 8-14. | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. |
| GREATER LONDON | **443,421** | **6,408,321** | **16·0** | **1·6** | **1966** | **504** | **484** | – | **14** | **17** | **39** | **14** | **37** | **77** | **65** |
| INNER LONDON - | 74,672 | 4,504,766 | 17·3 | 1·6 | 1497 | 351 | 367 | – | 12 | 14 | 30 | 10 | 28 | 48 | 52 |
| OUTER RING - | 368,749 | 1,903,555 | 12·9 | 1·5 | 469 | 153 | 117 | – | 2 | 3 | 9 | 4 | 9 | 29 | 13 |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

| CITIES | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of Stillborn | DEATHS. Exclusive of Stillborn | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM PRINCIPAL ZYMOTIC DISEASES. Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 295,628 | October 22 | 169 | 100 | 17·6 | – | 5 | 3 | 2 | 3 | – |
| GLASGOW - - | 724,349 | „ 22 | 454 | 283 | 20·4 | – | 3 | 3 | 2 | 11 | 5 |
| DUBLIN - - | 349,594 | „ 22 | 167 | 174 | 26·0 | – | – | 1 | – | 7 | 4 |
| CALCUTTA - - | 466,460 | September 10 | – | 231 | 25·8 | – | – | – | – | 1 | 79† |
| BOMBAY - - | 821,764 | October 4 | 260 | 961 | 60·8 | – | 2 | ? | ? | ? | 354† |
| MADRAS - - | 452,518 | September 23 | 409 | 488 | 56·2 | – | 3 | ? | ? | ? | 152 |
| PARIS - - - | 2,511,629 | October 15 | 1078 | 848 | 17·5 | – | 1 | 2 | 4* | 12 | 9 |
| BRUSSELS - - | 551,011 | „ 15 | 240 | 167 | 15·2 | – | – | – | – | 3 | 2 |
| AMSTERDAM - | 508,266 | „ 8 | 265 | 173 | 17·7 | – | 3 | – | 1 | 2 | – |
| ROTTERDAM - | 303,878 | „ 8 | 190 | 121 | 20·6 | – | – | – | 1 | 2 | 4 |
| THE HAGUE - | 196,325 | „ 8 | 114 | 91 | 24·1 | – | – | – | – | 4 | – |
| COPENHAGEN - | 345,000 | „ 15 | 166 | 97 | 14·7 | – | – | 1 | 2 | 3 | – |
| STOCKHOLM - | 283,550 | „ 8 | 147 | 83 | 15·2 | – | – | – | 2* | 2 | – |
| CHRISTIANIA - | 203,337 | „ 15 | – | 64 | 16·4 | – | 2 | 2 | – | 1 | – |
| ST. PETERSBURG | 1,132,677 | „ 8 | 540 | 499 | 23·0 | 1 | 9 | 13 | 22 | 13 | 14 |
| MOSCOW - - | 988,610 | „ 8 | – | 439 | 23·2 | 5 | 2 | 7 | 12 | 2 | 8 |
| BERLIN - - | 1,773,003 | „ 1 | 916 | 617 | 18·1 | – | 3 | 10 | 9 | 7 | 1 |
| HAMBURG - - | 661,015 | „ 15 | – | 221 | 17·4 | – | 1 | 1 | 5* | 6 | 1 |
| DRESDEN - - | 385,300 | „ 1 | – | – | – | – | – | – | – | – | – |
| BRESLAU - - | 392,795 | „ 15 | – | 161 | 21·4 | – | – | 3 | 1 | 3 | 2 |
| MUNICH - - | 430,000 | „ 15 | – | – | – | – | – | – | – | – | – |
| VIENNA - - | 1,590,295 | „ 15 | 949 | 524 | 17·0 | – | 3 | 4 | 7* | – | – |
| PRAGUE - - | 382,029 | „ 15 | 173 | 163 | 22·2 | – | 2 | 8 | 6 | – | 3 |
| BUDA-PESTH - | 648,104 | „ 8 | 523 | 271 | 21·7 | – | 8 | 4 | 4 | – | 3 |
| TRIESTE - - | 165,177 | „ 8 | 86 | 66 | 20·7 | – | – | 5 | 3* | – | 2 |
| ROME - - - | 499,861 | September 24 | 227 | 144 | 15·0 | – | – | – | – | – | 128§ |
| TURIN (10 days) | 344,203 | „ 20 | 199 | 146 | 15·5 | – | – | – | 1 | 3 | 1 |
| VENICE - - | 169,545 | October 1 | 69 | 61 | 18·8 | – | – | 1 | – | 1 | 6 |
| CAIRO - - | 570,062 | July 22 | – | – | – | – | – | – | – | – | – |
| ALEXANDRIA - | 319,766 | „ 22 | – | – | – | – | – | – | – | – | – |
| NEW YORK (including BROOKLYN) | 3,438,899 | October 1 | 1632 | 1269 | 19·3 | – | 4 | 4 | 15 | 13 | 30 |
| PHILADELPHIA - | 1,240,266 | „ 1 | – | 382 | 16·1 | – | – | 1 | 31 | 3 | 24 |

* Including deaths from croup.
† Including 7 deaths from plague in Calcutta, and 243 in Bombay.
‡ Including 4 deaths from cholera in Calcutta, 1 in Bombay, and 31 in Madras.
§ Including 5 deaths from malarial fever.

| 1898. Month and Day | Phases of the Moon. | Barometer. Mean daily reading (corrected and reduced to 32° Fahrenheit). | Temperature. Of the Air. High-est. | Low-est | Daily Range. | Mean daily value. | Departure from Average of 50 years. | Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Great-est. | Least. | Degree of Humidity (Saturation equals 100). | Temperature. Of Radiation. Highest in Sun's Rays. | Lowest on the Grass. | Of the Earth 3 feet below the Surface. | Wind as deduced from Anemometers. Oaler's. General Direction. A.M. | P.M. | Pressure on the Square Foot. Great-est. | Least. | Mean of 24 hourly obs. | Robinson's. Horizontal Movement of the Air on each Day. | Depar-ture from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| October | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| Sunday - 16 | .. | 28·861 | 53·2 | 48·0 | 5·2 | 50·3 | + 0·5 | 48·7 | 1·6 | 4·0 | 0·6 | 94 | 65·2 | 47·8 | 56·20 | NE. | ENE., ESE. & SE. | 1·3 | 0·0 | 0·0 | 147 | −112 | 0·38 | 0·0 |
| Monday - 17 | .. | 28·760 | 63·1 | 51·3 | 11·8 | 56·7 | + 7·1 | 51·1 | 5·6 | 10·4 | 0·8 | 81 | 101·2 | 47·5 | 56·09 | S. & SSE. | SSE., SE. & ESE. | 2·8 | 0·0 | 0·2 | 244 | − 18 | 0·09 | 0·0 |
| Tuesday - 18 | .. | 28·841 | 60·0 | 49·7 | 10·3 | 54·1 | + 4·6 | 49·5 | 4·6 | 9·5 | 1·2 | 85 | 93·7 | 45·8 | 55·97 | E., S. & SSW. | SSW. & S. | 7·7 | 0·0 | 0·8 | 426 | +162 | 0·52 | 1·5 |
| Wednesday 19 | Greatest Dec. S. Perigee | 29·331 | 56·7 | 49·1 | 7·6 | 52·9 | + 3·6 | 49·1 | 3·8 | 7·4 | 2·1 | 87 | 69·7 | 45·0 | 56·10 | S. | SSW. & S. | 2·3 | 0·0 | 0·2 | 278 | + 12 | 0·10 | 4·5 |
| Thursday- 20 | | 29·601 | 57·8 | 47·0 | 10·8 | 52·6 | + 3·6 | 47·8 | 4·8 | 9·9 | 1·3 | 84 | 72·7 | 42·5 | 56·10 | SW. | SW., S. & SSE. | 1·8 | 0·0 | 0·0 | 186 | − 81 | 0·03 | 0·2 |
| Friday - 21 | .. | 29·556 | 64·8 | 52·2 | 12·6 | 59·6 | +10·8 | 57·2 | 2·4 | 5·6 | 0·6 | 92 | 75·8 | 51·8 | 56·02 | SSW., SW. & WSW. | WSW. & SW. | 1·8 | 0·0 | 0·1 | 247 | − 21 | 0·27 | 0·8 |
| Saturday- 22 | First Quarter. | 29·763 | 64·1 | 58·0 | 6·1 | 61·1 | +12·6 | 56·8 | 4·3 | 7·4 | 0·6 | 86 | 74·0 | 56·2 | 56·10 | SW. | SW. | 8·0 | 0·0 | 0·8 | 433 | +165 | 0·03 | 0·0 |
| Means - - | | 29·245 | 60·0 | 50·8 | 9·2 | 55·3 | + 6·1 | 51·5 | 3·9 | 7·7 | 1·0 | 87 | 78·9 | 48·1 | 56·08 | SE. & SW. | | .. | .. | .. | Sum 1961 | Sum +107 | Sum 1·42 | 1·0 |
| No. of Column - | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| Date. October | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | General Remarks. |
|---|---|---|---|---|
| Sunday - 16 | w. P. till 2h. P.M.; v. P. and v. N. afterwards. | 0·0 | 10·6 | Generally overcast; frequent showers after 2h. P.M. |
| Monday - 17 | Register imperfect, insulation defective. | 5·7 | 10·5 | Variable and showery in early morning; fine and partially cloudy afterwards. Rain between 3h. 30m. and 5h. P.M. |
| Tuesday - 18 | Register imperfect, insulation defective. | 1·8 | 10·5 | Overcast with frequent heavy rain and brisk wind till afternoon; fine and partially cloudy afterwards. |
| Wednesday 19 | Register imperfect. insulation defective. | 0·3 | 10·4 | Generally overcast; showery. |
| Thursday- 20 | Register imperfect, insulation defective. | 2·4 | 10·3 | Fine and partially cloudy till 11h. A.M.; overcast afterwards with frequent slight rain after 5h. P.M. Brilliant solar halo in forenoon. |
| Friday - 21 | Register imperfect, insulation defective. | 0·3 | 10·3 | Generally overcast; frequent rain in morning. |
| Saturday- 22 | Register imperfect, insulation defective. | 0·4 | 10·2 | Generally overcast; slight rain after 8h. P.M. Brisk wind till evening. |
| | | Sum 10·9 | Sum 72·8 | |
| No. of Col. - - | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased from 28·91 in. at the beginning of the week to 28·59 in. by 6h. A.M. on the 18th; increased to 29·63 in. by 1h. P.M. on the 20th; decreased to 29·45 in. by 6h. A.M. on the 21st; and increased to 29·84 in. by the end of the week.

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# WEEKLY RETURN
OF
# BIRTHS AND DEATHS IN LONDON
AND IN
## THIRTY-TWO OTHER GREAT TOWNS

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No. 43. 1898. VOL. LIX.] WEEK ENDING SATURDAY, OCT. 29. [Price 1½*d.*

*General Register Office, Somerset House,*
*October* 31*st*, 1898.

### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 17·9 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000 :—

| TOWNS. | Weeks ending | | | | TOWNS. | Weeks ending | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Oct. 8. | Oct. 15. | Oct. 22. | Oct. 29. | | Oct. 8. | Oct. 15. | Oct. 22. | Oct. 29. |
| 33 Great Towns | 20·5 | 19·0 | 18·8 | 17·9 | Leicester - - | 18·5 | 14·5 | 14·7 | 15·5 |
| Birkenhead - | 18·0 | 13·8 | 17·5 | 19·8 | Liverpool - - | 29·0 | 21·9 | 24·4 | 26·6 |
| Birmingham - | 19·9 | 20·7 | 21·4 | 21·3 | London - - - | 18·8 | 18·5 | 17·3 | 16·3 |
| Blackburn - | 19·6 | 20·0 | 12·5 | 24·3 | Manchester - - | 25·7 | 25·1 | 23·5 | 23·5 |
| Bolton - - | 21·7 | 17·0 | 17·9 | 20·0 | Newcastle-on-Tyne | 24·3 | 23·6 | 26·4 | 19·6 |
| Bradford - | 19·6 | 17·4 | 14·3 | 16·5 | Norwich - - | 27·5 | 28·5 | 22·9 | 14·0 |
| Brighton - | 14·9 | 10·2 | 14·9 | 14·5 | Nottingham - - | 16·1 | 16·3 | 20·5 | 15·2 |
| Bristol - | 17·6 | 16·8 | 12·8 | 14·3 | Oldham - - | 24·3 | 17·6 | 16·9 | 16·9 |
| Burnley - | 20·5 | 16·2 | 16·7 | 20·9 | Plymouth - - | 23·1 | 18·4 | 20·0 | 15·8 |
| Cardiff - - | 12·6 | 13·2 | 11·4 | 15·0 | Portsmouth - - | 15·6 | 13·1 | 19·8 | 15·9 |
| Croydon - | 12·2 | 11·7 | 14·7 | 9·6 | Preston - - | 24·2 | 15·7 | 21·5 | 20·6 |
| Derby - - | 18·9 | 13·9 | 13·9 | 13·9 | Salford - - - | 27·6 | 25·6 | 30·2 | 20·3 |
| Gateshead - | 23·1 | 18·1 | 22·6 | 22·1 | Sheffield - - | 24·9 | 20·5 | 23·7 | 22·5 |
| Halifax - | 20·5 | 15·1 | 20·5 | 13·5 | Sunderland - - | 30·4 | 25·7 | 25·7 | 23·2 |
| Huddersfield- | 17·3 | 18·3 | 11·7 | 12·7 | Swansea - - | 19·4 | 22·5 | 18·4 | 18·9 |
| Hull - - | 24·3 | 24·0 | 20·9 | 16·3 | West Ham - - | 17·8 | 15·3 | 15·1 | 12·9 |
| Leeds - - | 18·6 | 19·6 | 19·4 | 15·1 | Wolverhampton - | 24·3 | 20·1 | 13·0 | 24·9 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were :—from *measles*, 1·0 in Liverpool, 1·1 in Sunderland, and 1·4 in Portsmouth ; from *scarlet fever*, 1·1 in Sunderland ; from *whooping-cough*, 1·1 in Plymouth ; from "*fever*," 1·2 in Wolverhampton, 1·3 in Bolton, and 1·8 in Sunderland ; and from *diarrhœa*, 2·0 in Gateshead, 2·3 in Blackburn, and 2·6 in Bolton. The 82 deaths from *diphtheria* included 46 in London, 9 in Leeds, 7 in West Ham, and 5 in Swansea. No death from *small-pox* was registered in any of the thirty-three towns.

### LONDON.

In LONDON† 2652 BIRTHS and 1412 DEATHS were registered. Allowing for increase of population, the births were 23, and the deaths 162, below the average numbers in the corresponding weeks of the last ten

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas, to which they belong.

years. The annual death-rate per 1000 from all causes, which had been 18·8, 18·5, and 17·3 in the preceding three weeks, further fell last week to 16·3. During the four weeks ending on Saturday last the death-rate averaged 17·7 per 1000, being 0·2 per 1000 above the mean rate in the corresponding periods of the ten years 1888–97.

The 1412 deaths included 19 from measles, 10 from scarlet fever, 46 from diphtheria, 13 from whooping-cough, 20 from enteric fever, 2 from ill-defined forms of continued fever, 33 from diarrhœa and dysentery, 1 from cholera, and not one death from small-pox, or from typhus; thus, 144 deaths were referred to these diseases, being 42 below the corrected average weekly number.

The deaths from *measles*, which had been 7, 9, and 12 in the preceding three weeks, further rose last week to 19, but were 21 below the corrected average; 5 cases belonged to Bethnal Green, and 5 to Mile End Old Town sanitary areas. The deaths from *scarlet fever*, which had been 7, 7, and 14 in the preceding three weeks, fell again last week to 10, and were 15 below the corrected average; 3 cases belonged to Marylebone sanitary area. The deaths from *diphtheria*, which had been 34, 41, and 30 in the preceding three weeks, rose again last week to 46, but were 6 below the corrected average; 6 cases belonged to Battersea, 4 to Paddington, 4 to Mile End Old Town, 4 to Bermondsey, 3 to Lambeth, 3 to Camberwell, and 3 to Fulham sanitary areas. The deaths from *whooping-cough*, which had been 18, 17 and 10 in the preceding three weeks, rose again last week to 13, but were 8 below the corrected average. The fatal cases of *enteric fever*, which had been 6, 18, and 28 in the preceding three weeks, fell again last week to 20, but were 2 above the corrected average; 3 cases belonged to Hackney and 2 to Greenwich sanitary areas. The deaths from *diarrhœa*, which had been 138, 99, and 48 in the preceding three weeks, further fell last week to 33, but were 4 above the corrected average. The deaths referred to diseases of the respiratory organs, which had been 226, 263, and 263 in the preceding three weeks, were again 263 last week, the corrected average being 345. The deaths attributed directly to *influenza* numbered 10, having been 4, 9, and 15 in the preceding three weeks.

Different forms of violence caused 63 deaths, concerning all but 2 of which inquests were held. Of these 63 deaths, 9 were cases of suicide, while the remaining 54 were attributed to accident or negligence. Ten of these were referred to vehicles in the streets, 5 to drowning, and 12 (of infants under one year of age) to suffocation in bed.

### Cases of Infectious Sickness in Hospitals*.

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 3024 cases of scarlet fever, 1186 of diphtheria, and 223 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 335 cases, against 358, 357, and 381; of diphtheria, 151 cases, against 180, 183, and 177; and of enteric fever, 45 cases, against 35, 38, and 44.

### Greater London.

In Greater London 3744 births and 1817 deaths were registered, corresponding to annual rates of 30·5 and 14·8 per 1000 of the estimated population. In the Outer Ring 5 deaths from scarlet fever, 19 from diphtheria, 6 from "fever," and 21 from diarrhœa were registered. Two deaths from scarlet fever, 8 from diphtheria, and 4 from "fever" occurred in West Ham district; 6 deaths from diphtheria occurred in Edmonton district.

### Meteorology.

The mean reading of the Barometer last week at Greenwich was 29·81 inches, and that of the Thermometer 55°·5; the latter being 8°·0 above the week's average in the 50 years 1841–90. The direction of the wind was South-Westerly, the horizontal movement of the air being 11 per cent. above the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 22·2 hours; the measured rainfall amounted to 1·03 inches.

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* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Registered during the Week ending 29th October 1898. Births. | Registered during the Week ending 29th October 1898. Deaths. | The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Annual Rate per 1000, corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6–12. | Temperature of the Air. Highest. Fahrenheit. | Lowest. Fahrenheit. | Mean. Fahrenheit. | Mean. Centigrade. | Rainfall. In Inches. | In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| 33 Towns - | **11,218,378** | **6752** | **3844** | **1053** | **835** | **-** | **65** | **38** | **82** | **34** | **84** | **152** | **143** | **288** | **839** | **45** | **17·9** | **2·1** | **66·0** | **39·0** | **53·7** | **12** | **0·71** | **1·80** | 33 Towns. |
| London - - | 4,504,766 | 2652 | 1412 | 350 | 351 | - | 19 | 10 | 46 | 13 | 22 | 33 | 63 | 134§ | 460 | 4 | 16·3 | 1·7 | 64·0 | 45·4 | 55·5 | 13·06 | 1·03 | 2·62 | London. |
| West Ham - - | 286,654 | 202 | 71 | 21 | 11 | - | 1 | 1 | 7 | - | 4 | 6 | 2 | 5 | 9 | 1 | 12·9 | 3·5 | - | - | - | - | - | - | West Ham. |
| Croydon - - | 124,421 | 68 | 23 | 7 | 6 | - | - | - | 1 | - | - | 3 | - | - | 6 | - | 9·6 | 1·7 | 63·9 | 46·5 | 54·6 | 12·56 | 0·18 | 0·46 | Croydon. |
| Brighton - - | 122,310 | 57 | 34 | 11 | 13 | - | 1 | - | - | - | - | 3 | 2 | 3 | 12 | - | 14·5 | 1·7 | 63·2 | 49·0 | 56·8 | 13·78 | 1·38 | 3·51 | Brighton. |
| Portsmouth - | 186,618 | 102 | 57 | 13 | 15 | - | 5 | 2 | 1 | - | 1 | - | 1 | 2 | 3 | - | 15·9 | 2·5 | 63·0 | 50·0 | 56·0 | 13·33 | 0·82 | 2·08 | Portsmouth. |
| Plymouth - - | 99,136 | 53 | 30 | 10 | 8 | - | - | - | - | 2 | - | 1 | 1 | 3 | 2 | - | 15·8 | 1·6 | - | - | - | - | - | - | Plymouth. |
| Bristol - - | 316,900 | 189 | 87 | 16 | 26 | - | - | 2 | - | 3 | 3 | 9 | 2 | 6 | 20 | - | 14·3 | 2·8 | 61·5 | 46·0 | 53·9 | 12·17 | 0·78 | 1·98 | Bristol. |
| Cardiff - - | 177,770 | 105 | 51 | 22 | 6 | - | 1 | - | 1 | - | 1 | 4 | 2 | 4 | 3 | 1 | 15·0 | 2·1 | - | - | - | - | - | - | Cardiff. |
| Swansea - - | 102,001 | 49 | 37 | 10 | 4 | - | - | 1 | 5 | - | - | - | 1 | 2 | 2 | - | 18·9 | 3·1 | - | - | - | - | - | - | Swansea. |
| Wolverhampton | 88,051 | 59 | 42 | 11 | 10 | - | - | - | 1 | - | 2 | 2 | - | 4 | 6 | 1 | 24·9 | 3·0 | 60·8 | 40·1 | 50·9 | 10·50 | 0·54 | 1·37 | Wolverhampton. |
| Birmingham - | 510,343 | 350 | 208 | 61 | 26 | - | 4 | - | 2 | 1 | 1 | 6 | 6 | 8 | 35 | 6 | 21·3 | 1·4 | - | - | - | - | - | - | Birmingham. |
| Norwich - - | 111,699 | 60 | 30 | 8 | 9 | - | 1 | 1 | 1 | - | 2 | 1 | 2 | 4 | 4 | - | 14·0 | 2·8 | 63·0 | 43·4 | 54·0 | 12·22 | 0·09 | 0·23 | Norwich. |
| Leicester - - | 208,662 | 108 | 62 | 22 | 13 | - | - | - | 2 | 1 | - | 3 | 4 | 5 | 3 | - | 15·5 | 1·5 | - | - | - | - | - | - | Leicester. |
| Nottingham - | 236,137 | 119 | 69 | 15 | 15 | - | 2 | 2 | - | 2 | 2 | 6 | 1 | 2 | 10 | - | 15·2 | 3·1 | 61·5 | 43·3 | 53·2 | 11·78 | 0·25 | 0·63 | Nottingham. |
| Derby - - - | 104,834 | 73 | 28 | 8 | 3 | - | - | 1 | - | - | 1 | - | 3 | 5 | 9 | - | 13·9 | 1·0 | - | - | - | - | - | - | Derby. |
| Birkenhead - | 113,189 | 68 | 43 | 11 | 10 | - | - | - | - | - | 2 | - | 3 | 3 | 6 | - | 19·8 | 0·9 | - | - | - | - | - | - | Birkenhead. |
| Liverpool - - | 633,645 | 421 | 323 | 84 | 62 | - | 12 | 2 | 2 | 3 | 6 | 13 | 13 | 18 | 74 | 9 | 26·6 | 3·1 | 58·7 | 46·0 | 52·0 | 11·11 | 0·92 | 2·34 | Liverpool. |
| Bolton† - - | 122,495 | 81 | 47 | 16 | 10 | - | - | 2 | - | - | 3 | 6 | 1 | 2 | 6 | - | 20·0 | 4·7 | - | - | - | - | - | - | Bolton.† |
| Manchester - | 539,079 | 324 | 243 | 73 | 39 | - | 9 | 1 | 1 | 1 | 8 | 13 | 11 | 27 | 52 | 3 | 23·5 | 3·2 | - | - | - | - | - | - | Manchester. |
| Salford - - | 215,702 | 170 | 84 | 28 | 12 | - | 3 | 3 | - | - | 3 | 5 | 4 | 6 | 17 | 1 | 20·3 | 3·4 | - | - | - | - | - | - | Salford. |
| Oldham - - | 148,288 | 72 | 48 | 11 | 12 | - | 1 | 2 | - | - | - | - | 1 | 1 | 7 | - | 16·9 | 1·1 | - | - | - | - | - | - | Oldham. |
| Burnley - - | 109,546 | 53 | 44 | 22 | 10 | - | - | - | - | - | - | 4 | 1 | 1 | 1 | - | 20·9 | 1·9 | - | - | - | - | - | - | Burnley. |
| Blackburn - - | 133,228 | 56 | 62 | 21 | 16 | - | 1 | 1 | - | - | - | 6 | 1 | 3 | 4 | 6 | 24·3 | 3·1 | - | - | - | - | - | - | Blackburn. |
| Preston - - | 116,356 | 73 | 46 | 10 | 12 | - | - | - | - | 1 | 1 | 1 | 1 | 3 | 4 | 3 | 20·6 | 1·3 | - | - | - | - | - | - | Preston. |
| Huddersfield - | 102,454 | 48 | 25 | 8 | 4 | - | - | - | 1 | - | - | - | 2 | 2 | 1 | - | 12·7 | 0·5 | 59·5 | 40·2 | 52·1 | 11·17 | 1·13 | 2·87 | Huddersfield. |
| Halifax - - | 96,729 | 44 | 25 | 5 | 4 | - | - | 1 | - | - | 1 | - | - | - | 1 | 2 | 13·5 | 1·1 | - | - | - | - | - | - | Halifax. |
| Bradford - - | 233,737 | 115 | 74 | 17 | 21 | - | - | 1 | - | - | 3 | 1 | - | 3 | 10 | 1 | 16·5 | 1·1 | 64·0 | 43·2 | 53·3 | 11·83 | 0·84 | 2·13 | Bradford. |
| Leeds - - - | 416,618 | 257 | 121 | 35 | 22 | - | 1 | 1 | 9 | 1 | 4 | 3 | 5 | 9 | 12 | - | 15·1 | 2·4 | - | - | - | - | - | - | Leeds. |
| Sheffield - - | 356,478 | 255 | 154 | 53 | 29 | - | - | - | 2 | 2 | 4 | 9 | 3 | 5 | 18 | 3 | 22·5 | 2·5 | - | - | - | - | - | - | Sheffield. |
| Hull - - - | 229,887 | 153 | 72 | 19 | 13 | - | - | - | - | - | 4 | 2 | 3 | 8 | 11 | 3 | 16·3 | 1·4 | 61·0 | 39·0 | 51·7 | 10·94 | 0·58 | 1·47 | Hull. |
| Sunderland - | 143,849 | 106 | 64 | 14 | 12 | - | 3 | 3 | - | 1 | 5 | 4 | - | 1 | 12 | 1 | 23·2 | 5·8 | - | - | - | - | - | - | Sunderland. |
| Gateshead - - | 103,775 | 71 | 44 | 18 | 11 | - | 1 | - | - | - | 1 | 4 | - | - | 5 | - | 22·1 | 3·0 | - | - | - | - | - | - | Gateshead. |
| Newcastle - - | 223,021 | 139 | 84 | 23 | 20 | - | - | 1 | - | 3 | - | 4 | 4 | 9 | 14 | - | 19·6 | 1·9 | - | - | - | - | - | - | Newcastle. |

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the FORTY-THIRD Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2666 | 2580 | 2512 | 2603 | 2312 | 2590 | 2413 | 2447 | 2755 | 2540 | 2674·7 | 2652 |
| Males - - | 1350 | 1308 | 1252 | 1338 | 1170 | 1293 | 1232 | 1220 | 1426 | 1261 | 1352·2 | 1369 |
| Females - | 1316 | 1272 | 1260 | 1265 | 1142 | 1297 | 1181 | 1227 | 1329 | 1279 | 1322·5 | 1283 |
| TOTAL **Deaths** - | 1737 | 1310 | 1649 | 1348 | 1514 | 1487 | 1481 | 1470 | 1450 | 1514 | 1574·2 | 1412 |
| Males - - | 914 | 686 | 850 | 687 | 777 | 762 | 740 | 744 | 773 | 814 | 815·2 | 725 |
| Females - - | 823 | 624 | 799 | 661 | 737 | 725 | 741 | 726 | 677 | 700 | 759·0 | 687 |

*The numbers in this column are the average weekly numbers in the forty-third week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | Aug 6. | Aug. 13. | Aug. 20. | Aug. 27. | Sept. 3. | Sept. 10. | Sept. 17. | Sept. 24. | Oct. 1. | Oct. 8. | Oct. 15. | Oct. 22, | Oct. 29. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** - - | 2335 | 2807 | 2489 | 2551 | 2650 | 2446 | 2499 | 2574 | 2614 | 2554 | 2454 | 2468 | 2652 |
| TOTAL **Deaths** - - - | 1586 | 1772 | 2019 | 1856 | 1898 | 2007 | 1832 | 1863 | 1700 | 1620 | 1600 | 1497 | 1412 |
| Ages at Death: Under 1 year - - | 592 | 800 | 915 | 886 | 887 | 929 | 786 | 764 | 619 | 498 | 415 | 351 | 350 |
| 1—5 years - - | 198 | 212 | 233 | 222 | 203 | 244 | 211 | 202 | 195 | 182 | 180 | 167 | 169 |
| 5—20 " - - | 85 | 72 | 61 | 64 | 83 | 76 | 64 | 86 | 76 | 76 | 95 | 93 | 82 |
| 20—40 " - - | 158 | 151 | 172 | 157 | 189 | 200 | 178 | 204 | 185 | 180 | 204 | 199 | 178 |
| 40—60 " - - | 262 | 235 | 283 | 236 | 259 | 241 | 270 | 269 | 293 | 314 | 324 | 320 | 282 |
| 60—80 " - - | 238 | 255 | 295 | 243 | 226 | 256 | 269 | 266 | 288 | 291 | 307 | 290 | 287 |
| 80 years and upwards | 53 | 47 | 60 | 48 | 51 | 61 | 54 | 72 | 44 | 79 | 75 | 77 | 64 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox - - - - - | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| Measles - - - - - | 14 | 31 | 18 | 20 | 11 | 16 | 8 | 12 | 10 | 7 | 9 | 12 | 19 |
| Scarlet Fever - - - | 8 | 10 | 17 | 7 | 5 | 8 | 3 | 9 | 10 | 7 | 7 | 14 | 10 |
| Diphtheria - - - - | 30 | 27 | 26 | 21 | 19 | 30 | 29 | 29 | 33 | 34 | 41 | 30 | 46 |
| Whooping-cough - - - | 29 | 34 | 32 | 32 | 29 | 40 | 25 | 31 | 29 | 18 | 17 | 10 | 13 |
| Typhus - - - - - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Enteric Fever - - - | 10 | 2 | 13 | 9 | 15 | 19 | 7 | 9 | 9 | 6 | 18 | 28 | 20 |
| Simple Continued Fever - | - | 1 | 1 | - | 1 | - | - | - | - | - | - | - | 2 |
| Diarrhœa and Dysentery .. | 227 | 329 | 432 | 461 | 431 | 433 | 397 | 347 | 247 | 138 | 99 | 48 | 33 |
| Cholera - - - - - - | 13 | 15 | 14 | 14 | 13 | 13 | 14 | 7 | 10 | 1 | 1 | - | 1 |
| All the above Diseases - | 331 | 449 | 553 | 564 | 524 | 559 | 483 | 444 | 348 | 211 | 193 | 142 | 144 |
| Dis. of Respiratory System - | 174 | 171 | 195 | 135 | 127 | 130 | 135 | 157 | 200 | 226 | 263 | 263 | 263 |
| Phthisis - - - - - | 124 | 139 | 116 | 107 | 144 | 140 | 133 | 127 | 147 | 148 | 173 | 169 | 139 |
| Dis. of Circulatory System - | 122 | 127 | 111 | 106 | 116 | 111 | 123 | 121 | 136 | 140 | 143 | 137 | 125 |
| Violence - - - - | 73 | 62 | 69 | 73 | 60 | 71 | 96 | 58 | 66 | 76 | 56 | 52 | 63 |
| Inquest Cases - - - - | 139 | 131 | 139 | 150 | 124 | 135 | 166 | 133 | 147 | 147 | 145 | 121 | 134 |
| Deaths in Public Institutions - | 413 | 428 | 500 | 407 | 469 | 470 | 470 | 495 | 446 | 483 | 491 | 459 | 460 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean - - - - - - | 63°·8 | 61°·9 | 69°·5 | 65°·4 | 61°·1 | 70°·4 | 66°·4 | 57°·2 | 52°·9 | 56°·1 | 49°·5 | 55°·3 | 55°·5 |
| Mean of Highest readings - | 75·9 | 72·2 | 82·1 | 76·8 | 73·2 | 83·6 | 79·5 | 68·7 | 63·8 | 62·4 | 55·1 | 60·0 | 61·0 |
| Mean of Lowest readings - | 52·7 | 53·6 | 59·3 | 55·8 | 50·5 | 60·0 | 55·1 | 47·1 | 42·5 | 50·1 | 44·5 | 50·8 | 50·6 |
| Humidity of the Air - - | 69 | 76 | 69 | 73 | 67 | 68 | 64 | 75 | 72 | 82 | 86 | 87 | 82 |
| Rain-fall (in inches) - - | 0·06 | 0·56 | 0·03 | 0·14 | 0·08 | 0·00 | 0·02 | 0·12 | 0·16 | 0·02 | 0·42 | 1·42 | 1·03 |
| Registered Sunshine (in hours) | 58·4 | 35·6 | 61·0 | 45·1 | 60·7 | 59·7 | 56·8 | 33·8 | 42·4 | 18·3 | 12·5 | 10·9 | 22·2 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox - - - - - | 1 | 1 | 2 | 2 | 2 | 3 | 2 | 1 | - | - | - | - | - |
| Scarlet Fever - - - - | 2326 | 2293 | 2241 | 2178 | 2240 | 2300 | 2319 | 2353 | 2459 | 2606 | 2728 | 2915 | 3024 |
| Diphtheria - - - - | 1024 | 953 | 937 | 903 | 869 | 893 | 916 | 964 | 1027 | 1052 | 1125 | 1169 | 1186 |
| Enteric Fever - - - - | 97 | 106 | 106 | 115 | 118 | 119 | 127 | 128 | 155 | 176 | 191 | 214 | 223 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton: A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott. Esq., Bristol; E. Simpson, Esq., Wrottesley Wolverhampton; Arthur Brown. Esq., M.Inst. C.E., and F. Boobbyer Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington. Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst.C.E., Bradford; and Mr. E. Peck, Hull.

BLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-THIRD Week of the Year 1898.

| ES OF DEATH | Corrected Averages for the 43rd Week of the 10 years 1888-97*. | In the Week ending Saturday, 29th October 1898. Deaths of Persons of the Ages: All Ages. | Under 20. 0-1 | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| SES - - - | 1574·2 | 1412 | 350 | 169 | 82 | 178 | 282 | 287 | 64 |
| Vaccinated† - | 0·1 | - | - | - | - | - | - | - | - |
| Unvaccinated | 0·2 | - | - | - | - | - | - | - | - |
| No Statement | 0·1 | - | - | - | - | - | - | - | - |
| - - - - | 40·3 | 19 | 2 | 17 | - | - | - | - | - |
| Fever - - - | 24·7 | 10 | - | 5 | 5 | - | - | - | - |
| - - - - | 0·1 | - | - | - | - | - | - | - | - |
| g Fever - - | - | - | - | - | - | - | - | - | - |
| a - - - - | 5·3 | 10 | 1 | 1 | - | 1 | 4 | 3 | - |
| ng-cough - - | 21·0 | 13 | 6 | 7 | - | - | - | - | - |
| ria - - | 51·8 | 46 | 2 | 31 | 11 | 1 | 1 | - | - |
| Continued and ned Fever - | 0·9 | 2 | - | - | 1 | - | - | 1 | - |
| Fever - - - | 17·9 | 20 | - | - | 8 | 8 | 4 | - | - |
| and Chol. Diarr. | 0·2 | 1 | - | - | - | 1 | - | - | - |
| a, Dysentery - | 28·6 | 33 | 30 | 3 | - | - | - | - | - |
| nt Fever - - | 0·1 | - | - | - | - | - | - | - | - |
| hobia - - - | 0·1 | - | - | - | - | - | - | - | - |
| - - - - | 0·1 | - | - | - | - | - | - | - | - |
| and Effects of ation - - | 0·2 | - | - | - | - | - | - | - | - |
| Affections - - | 9·7 | 1 | 1 | - | - | - | - | - | - |
| as - - - | 7·1 | 4 | 1 | - | - | 1 | 1 | 1 | - |
| and Septicæmia | 2·2 | 3 | - | 1 | 1 | - | 1 | - | - |
| al Fever - - | 6·1 | 5 | - | - | - | 5 | - | - | - |
| rmotic Diseases | 1·6 | - | - | - | - | - | - | - | - |
| - - - - | 0·5 | 1 | 1 | - | - | - | - | - | - |
| nd other Para- Diseases - | 0·1 | - | - | - | - | - | - | - | - |
| on, Want of -milk - - | 1·8 | 1 | 1 | - | - | - | - | - | - |
| sm - - - | 9·5 | 16 | - | - | - | 5 | 8 | 3 | - |
| tic Fever, natism of Heart | 9·2 | 7 | - | - | 2 | 3 | 2 | - | - |
| tism - - - | 1·7 | 1 | - | - | - | - | - | - | 1 |
| - - - - | 2·6 | 4 | - | - | - | - | 2 | 2 | - |
| - - - - | 4·3 | 1 | - | 1 | - | - | - | - | - |
| - - - - | 69·6 | 82 | - | - | 1 | 3 | 36 | 40 | 2 |
| esenterica - - | 26·0 | 23 | 16 | 5 | 1 | 1 | - | - | - |
| lar Meningitis - | 17·4 | 19 | 4 | 10 | 4 | - | 1 | - | - |
| - - - - | 160·7 | 139 | 3 | 2 | 7 | 71 | 45 | 11 | - |
| , Tuberculosis - | 15·8 | 19 | 5 | 5 | 3 | 3 | 2 | 1 | - |
| Constitutional es - - | 14·7 | 15 | - | 1 | 2 | 3 | 5 | 4 | - |
| ure Birth - - | 47·2 | 51 | 51 | - | - | - | - | - | - |
| sis - - - | 4·4 | 7 | 7 | - | - | - | - | - | - |
| tal Malforma- - - - | 9·0 | 5 | 5 | - | - | - | - | - | - |
| - - - - | 38·3 | 46 | - | - | - | - | - | 23 | 23 |
| y - - - | 41·3 | 38 | 1 | - | - | 1 | 13 | 20 | 3 |
| y - - - - | 7·5 | 5 | - | - | - | 1 | 1 | 3 | - |
| ions - - - | 40·3 | 30 | 28 | 2 | - | - | - | - | - |
| Diseases of Brain ervous System | 79·1 | 67 | 4 | 8 | 5 | 8 | 16 | 22 | 4 |
| s of Organs of l Sense - | 2·4 | 7 | 3 | - | 1 | 1 | 1 | 1 | - |

| CAUSES OF DEATH | Corrected Averages for the 43rd Week of the 10 years 1888-97*. | In the Week ending Saturday, 29th October 1898. Deaths of Persons of the Ages: All Ages. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 136·8 | 125 | - | 2 | 16 | 12 | 41 | 42 | 12 |
| Croup - - - - | 6·6 | 2 | 1 | 1 | - | - | - | - | - |
| Bronchitis - - - | 195·0 | 136 | 47 | 21 | 1 | 1 | 17 | 36 | 13 |
| Pneumonia - - - | 111·3 | 97 | 23 | 22 | 4 | 16 | 17 | 14 | 1 |
| Pleurisy - - - - | 5·3 | 6 | - | 1 | - | 2 | - | 2 | 1 |
| Other Diseases of Respiratory System - | 27·1 | 22 | 7 | 1 | - | - | 6 | 6 | 2 |
| Dentition - - - - | 6·5 | 4 | 2 | 2 | - | - | - | - | - |
| Quinsy, Sore Throat - | 2·4 | 2 | 1 | - | 1 | - | - | - | - |
| Enteritis - - - - | 15·4 | 47 | 30 | 7 | 2 | 2 | 3 | 3 | - |
| Peritonitis - - - | 5·5 | 4 | - | - | 1 | 2 | - | 1 | - |
| Diseases of Liver - - | 25·6 | 21 | 4 | - | - | 1 | 11 | 5 | - |
| Other Diseases of Digestive System | 30·3 | 27 | 6 | 2 | - | 3 | 6 | 9 | 1 |
| Diseases of Lymphatic System & of Ductless Glands - - - | 1·9 | 1 | - | - | - | - | - | - | 1 |
| Diseases of Urinary System - - - | 42·9 | 34 | 1 | 2 | 2 | 4 | 9 | 16 | - |
| Diseases of Generative System - - - | 6·1 | 4 | - | - | - | - | 4 | - | - |
| Accidents of Childbirth - | 5·9 | 7 | - | - | 1 | 5 | 1 | - | - |
| Diseases of Locomotive System - - - | 4·8 | 4 | - | - | - | 1 | 1 | 2 | - |
| Diseases of Integumentary System - - | 6·2 | 11 | 4 | - | - | - | 3 | 4 | - |
| VIOLENT DEATHS.‡ (ACCIDENT.) | | | | | | | | | |
| By Railways - - - | 49·5 | 2 | - | - | - | 1 | 1 | - | - |
| By Vehicles or Horses - | | 10 | - | 1 | 2 | - | 6 | 1 | - |
| In Ships, Boats, Docks, (exclusive of Drowning) - - - | | - | - | - | - | - | - | - | - |
| In Building Operations - | | 1 | - | - | - | - | 1 | - | - |
| In Conflagrations - | | - | - | - | - | - | - | - | - |
| By Burns, Scalds, Explosions - - | | 6 | - | 4 | - | 2 | - | - | - |
| By Drowning - - - | | 5 | 1 | - | - | 3 | 1 | - | - |
| By Suffocation in Bed - | | 12 | 12 | - | - | - | - | - | - |
| By Poisons or Poisonous Vapours - - | | 1 | - | - | - | 1 | - | - | - |
| Other or not stated causes - - - - | | 17 | 1 | 2 | - | 3 | 6 | 5 | - |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - | 1·2 | - | - | - | - | - | - | - | - |
| Suicide - - - - | 6·3 | 9 | - | - | - | 1 | 4 | 4 | - |
| Execution - - - | - | - | - | - | - | - | - | - | - |
| OTHER CAUSES - | 59·8 | 44 | 38 | 2 | - | 1 | 1 | 2 | - |

numbers in this column are the average weekly deaths for the ten years 1888-97, raised by 5·230 per cent. for increase lation.

those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the death is not certified by a registered practitioner, the case is returned under the heading "no statement."

evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of t, murder manslaughter or suicide. All such cases are classed under "accident."

TABLE 5. LONDON,*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, ME
SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in
SUB-DISTRICT during the Week ending Saturday, 29th October, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2652 | 1412 | 350 | 351 | - | 19 | 10 | 46 | 13 | - | 20 | 2 | 33 | 63 | 134 |
| WEST DISTRICTS - - - | 778,251 | 361 | 247 | 49 | 65 | - | 2 | 3 | 9 | 2 | - | 3 | 1 | 2 | 11 | 22 |
| NORTH DISTRICTS - - - | 1,040,694 | 577 | 291 | 59 | 68 | - | 1 | 3 | 10 | 1 | - | 4 | - | 7 | 15 | 29 |
| CENTRAL DISTRICTS - - - | 233,635 | 136 | 89 | 23 | 21 | - | 1 | - | 1 | - | - | 2 | - | 1 | 5 | 9 |
| EAST DISTRICTS - - - | 716,334 | 530 | 254 | 86 | 55 | - | 12 | - | 1 | 2 | - | 4 | 1 | 10 | 13 | 33 |
| SOUTH DISTRICTS - - - | 1,642,796 | 1048 | 503 | 133 | 132 | - | 3 | 3 | 24 | 8 | - | 7 | - | 13 | 19 | 40 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | — | - | 28 | - | 10 | - | - | 1 | 1 | - | - | - | - | - | - | 1 |
| WEST DISTRICTS. | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 66 | 26 | 10 | 6 | - | - | - | 2 | - | - | - | 1 | - | 2 | 3 |
| St. John Paddington *H* - - G. | 33,510 | 3 | 15 | 1 | 2 | - | - | - | 1 | - | - | - | - | - | 4 | 6 |
| Kensington Town *Ww* - - W. | 122,164 | 56 | 49 | 9 | 13 | - | 2 | - | - | - | - | - | - | - | - | 3 |
| Brompton *HH*- - - W. & C. | 48,301 | 8 | 8 | 1 | 3 | - | - | - | - | - | - | - | - | - | - | - |
| St. Peter Hammersmith - - W. | 9,097 | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Paul Hammersmith *HH* W. & G. | 25,102 | 53 | 18 | 6 | 5 | - | - | - | 1 | 1 | - | - | - | - | 1 | 3 |
| Fulham *Ww* - - - W. & C. | 113,781 | 81 | 35 | 7 | 8 | - | - | 3 | 1 | - | - | 1 | - | - | 1 | 1 |
| Chelsea Kensal Town - C. | 21,450 | 18 | 4 | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - |
| Chelsea North *WHHHHH* - C. | 42,057 | 17 | 30 | 5 | 11 | - | - | - | - | - | - | - | - | 1 | - | 1 |
| Chelsea South *HH* - - C. | 33,139 | 9 | 7 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - |
| May Fair *W* - - - - G. | 23,827 | 8 | 10 | - | 5 | - | - | - | - | - | - | - | - | - | - | - |
| Belgrave *WHHH* - - - C. | 56,140 | 13 | 21 | 2 | 5 | - | - | - | 2 | 1 | - | - | - | - | 2 | 2 |
| St. John Westminster *HH* - C. | 31,492 | 13 | 5 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | 1 |
| St. Margaret Westminster *H*- C. | 22,097 | 4 | 9 | - | 1 | - | - | - | 1 | - | - | 1 | - | 1 | - | 1 |
| St. James Westminster *WHH* N. & G. | 23,050 | 11 | 6 | 3 | 2 | - | - | - | - | - | - | - | - | - | 1 | - |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 1 | 3 | - | 1 | - | - | - | - | - | - | 1 | - | - | - | 1 |
| NORTH DISTRICTS. | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - - W. | 36,595 | 18 | 15 | 3 | 1 | - | - | - | 1 | - | - | - | - | 1 | 1 | 1 |
| Rectory Marylebone *W* G. & W. | 19,798 | 7 | 6 | - | 5 | - | - | - | - | - | - | - | - | - | - | 1 |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 35 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Christchurch Marylebone *H* - W | 32,547 | 9 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| St. John Marylebone *HHH* W. | 32,611 | 16 | 9 | 3 | 3 | - | - | - | - | - | - | - | - | - | - | - |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 36 | 33 | 4 | 8 | - | - | 2 | 2 | - | - | - | - | - | 3 | 2 |
| Regent's Park Pancras *HH* - W. | 37,341 | 11 | 4 | 1 | 1 | - | - | - | - | - | - | - | - | - | 1 | 2 |
| Tottenham-court *wHHHH* - N. & W. | 26,757 | 13 | 15 | 1 | 3 | - | - | - | - | - | - | - | - | - | 1 | 2 |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 16 | 10 | 1 | 2 | - | - | - | - | - | - | - | - | 1 | 2 | 3 |
| Somers Town *HH* - - - N. | 32,161 | 12 | 6 | - | 2 | - | - | - | - | - | - | - | - | - | 1 | 1 |
| Camden Town *WH* - - N. | 16,669 | 16 | 12 | 3 | 3 | - | - | - | - | - | - | - | - | - | - | 1 |
| Kentish Town *WW* - - N. | 98,410 | 65 | 21 | 5 | 6 | - | - | - | - | - | - | 1 | - | 1 | - | - |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 41 | 36 | 9 | 9 | - | - | - | - | - | - | 1 | - | - | - | 3 |
| Islington South-west H - N. | 107,365 | 70 | 18 | 3 | 5 | - | 1 | - | - | - | - | - | - | 1 | 1 | 2 |
| Islington South-east - - N. | 66,549 | 44 | 23 | 8 | 2 | - | - | - | - | - | - | - | - | - | 2 | 2 |
| Highbury *HH* - - - N. | 64,577 | 19 | 11 | 1 | 5 | - | - | - | - | - | - | - | - | 1 | - | - |
| Stoke Newington *H* - - N. | 33,485 | 16 | 8 | 1 | 4 | - | - | - | - | - | - | - | - | - | - | 1 |
| North Hackney - - E. & N. | 213,044 | 27 | 6 | 3 | - | - | - | 1 | - | - | - | - | - | 1 | - | 1 |
| Central Hackney *ww* - E. & N. | | 27 | 17 | 2 | 3 | - | - | - | 7 | - | - | 2 | - | - | - | 1 |
| South-west Hackney *HHH* E. & N. | | 37 | 17 | 3 | 2 | - | - | - | - | - | - | - | - | - | 2 | 3 |
| South-east Hackney *WwH* E. & N. | | 42 | 20 | 8 | 3 | - | - | - | - | 1 | - | - | - | 1 | 1 | 3 |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated th
namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which pauper
received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands.
Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Ju
Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River E
London; and K. the Kent Company.

See note † on first page of this Return.

BLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday, 29th October, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population. 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CENTRAL DISTRICTS. | | | | | | | | | | | | | | | | | | |
| . George Bloomsbury - - N. | 16,110 | 5 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| . Giles South *WH* - - N. | 12,976 | 9 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| . Giles North *H* - - - N. | 9,151 | 3 | 4 | - | 3 | - | - | - | - | - | - | - | - | - | - | - | 2 | - |
| . Martin-in-the-Fields *HH* N. & C. | 13,077 | 2 | 3 | 1 | 2 | - | - | - | - | - | - | - | - | - | 1 | 1 | 2 | - |
| rand *WHH* - - - - N. | 11,839 | 3 | 4 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | 3 | - |
| *rand Union Workhouse, Edmonton* | †1,037 | - | 2 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | 2 | - |
| olborn *wHHHHHHH* - N. | 31,042 | 18 | 21 | 8 | 3 | - | - | - | 1 | - | - | - | - | - | 1 | 2 | 9 | - |
| . James Clerkenwell - - N. | 15,777 | 12 | 2 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| nwell Clerkenwell - - N. | 34,356 | 24 | 11 | 6 | 1 | - | 1 | - | - | - | - | - | - | 1 | - | - | - | - |
| oswell-street - - - - N. | 16,069 | 9 | 3 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ty-road *HHHL* - - - N. | 29,897 | 38 | 16 | 2 | 5 | - | - | - | - | - | - | - | - | - | 1 | 1 | 7 | - |
| hitecross-street - - - N. | 7,595 | 3 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| nsbury - - - - - N. | 4,035 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| *olborn Union Workhouse, Mitcham* - - - - | †892 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| . Botolph *H* - - N. & E. | 6,870 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ripplegate - - - - N. | 3,299 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| . Sepulchre *WH* - - - N. | 9,591 | 2 | 14 | - | 2 | - | - | - | - | - | - | 2 | - | - | 2 | 4 | 12 | - |
| llhallows Barking - - - N. | 9,059 | 1 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| road Street *H* - - - N. | 2,892 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| *ty of London Asylum, Stone* - - | †388 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| EAST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| horeditch South *Hl* - E. & N. | 17,975 | 12 | 5 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | 2 | - |
| oxton New Town *w* - - N. | 29,575 | 13 | 10 | 2 | 3 | - | 1 | - | - | - | - | - | - | - | 1 | 1 | 3 | - |
| oxton Old Town - - - N. | 27,645 | 22 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| aggerston *WH* - - N. & E. | 47,163 | 30 | 20 | 5 | 11 | - | - | - | - | - | - | - | - | - | 1 | 3 | 11 | - |
| ethnal Green North *H* - E. | 49,301 | 36 | 13 | 8 | 1 | - | 1 | - | - | - | - | - | - | 1 | 1 | 4 | - | - |
| ethnal Green South - - E. | 34,194 | 32 | 9 | 5 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| ethnal Green East *WHl* - E. | 45,667 | 27 | 40 | 9 | 12 | - | 4 | - | - | 1 | - | 1 | - | 1 | 1 | 2 | 23 | - |
| pitalfields - - - E. & N. | 26,681 | 14 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ile End New Town *W* - E. | 12,816 | 14 | 12 | - | 3 | - | - | - | - | - | - | - | - | - | 1 | 1 | 11 | - |
| hitechapel Church *H* - E. & N. | 25,561 | 12 | 24 | 6 | 1 | - | - | - | - | - | - | 2 | - | - | 3 | 5 | 21 | - |
| oodman's Fields - - - E. | 13,618 | 6 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| t. George's North - - - E. | 39,576 | 33 | 5 | 1 | 1 | - | - | - | - | - | - | 1 | - | 1 | - | 2 | - | - |
| t. John, St. George East *W* E. | 7,930 | 11 | 6 | 3 | 1 | - | - | - | - | - | - | - | - | 2 | - | - | 5 | - |
| hadwell *H* - - - E. & N. | 10,434 | 5 | 12 | 4 | - | - | - | - | - | - | - | - | - | 1 | - | 1 | 10 | - |
| atcliff *W* - - - - E. | 14,954 | 9 | 2 | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - |
| imehouse - - - - E. | 32,917 | 43 | 4 | 2 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| Mile End Old Town West *H* E. | 111,060 | 45 | 14 | 6 | 2 | - | 3 | - | 1 | - | - | - | - | - | - | 1 | - | - |
| Mile End Old Town East *WWww* - E. | | 38 | 20 | 8 | 7 | - | 1 | - | - | 1 | - | - | - | - | 1 | 3 | 4 | - |
| ow *l* - - - - E. | 41,687 | 24 | 11 | 8 | 1 | - | - | - | - | - | - | - | - | 2 | 1 | 2 | - | - |
| romley *wwwH* - - - E. | 69,821 | 61 | 27 | 11 | 8 | - | - | - | - | - | - | - | - | 1 | 2 | 5 | 12 | - |
| oplar *WW* - - - E. | 57,759 | 33 | 14 | 5 | 2 | - | - | - | - | - | - | - | - | 1 | 1 | 3 | 2 | - |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX MEASLES SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 29th October, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Continued Simple Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WHL*.&S. | 13,064 | 6 | 4 | 1 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | |
| St. Saviour Southwark - - S. | 12,301 | 11 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | |
| Kent-road - - - - S. & L. | 22,879 | 20 | 9 | 4 | – | – | 1 | – | – | – | – | – | – | 1 | – | – | – | |
| Borough-road *WH* - S. & L. | 16,083 | 16 | 8 | 2 | 1 | – | – | – | 1 | 1 | – | – | – | – | – | – | 3 | |
| London-road *HL* - - L. & S. | 21,316 | 13 | 4 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | |
| Trinity Newington - - S. & L. | 28,723 | 16 | 7 | 4 | – | – | – | – | – | – | – | – | – | – | 1 | 1 | – | |
| St. Peter Walworth *W* - S. & L. | 62,045 | 46 | 16 | 5 | 5 | – | – | – | – | 1 | – | – | – | – | 1 | 2 | 1 | |
| St. Mary Newington- - L. & S. | 30,171 | 21 | 9 | 5 | 3 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | |
| St. Olave *WH*- - - - S. | 11,731 | 6 | 3 | – | 1 | – | – | – | – | – | – | – | – | – | 2 | 2 | 3 | |
| Bermondsey* *W* - - - S. | 85,475 | 68 | 29 | 13 | 6 | – | – | – | 1 | 2 | – | – | – | – | – | 1 | 1 | |
| Rotherhithe *WwH* - S. & K. | 40,379 | 23 | 13 | 2 | 5 | – | – | – | – | – | – | – | – | – | 1 | 2 | 3 | |
| Waterloo-road *HH* - L. & S. | 28,396 | 33 | 8 | 3 | 1 | – | – | – | – | 1 | – | – | – | 1 | 1 | 1 | 1 | |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 9 | 10 | 4 | – | – | – | – | – | – | – | – | – | – | 1 | 1 | 5 | |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 26 | 21 | 4 | 6 | – | – | – | – | – | – | – | – | – | – | 2 | 14 | |
| Kennington 1st *H* - - S. & L. | 52,486 | 40 | 10 | 5 | 1 | – | – | – | 1 | – | – | – | – | 1 | – | 1 | – | |
| Kennington 2nd - - S. & L. | 43,244 | 14 | 12 | 4 | 3 | – | – | – | 1 | – | – | – | – | – | – | 1 | – | |
| Brixton *w* - - - L. & S | 81,825 | 39 | 18 | 4 | 5 | – | – | – | – | – | – | – | – | – | 1 | 3 | 1 | |
| Norwood *WH*- - - - L. | 29,318 | 10 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| East Battersea - - - - S. | 71,730 | 56 | 19 | 7 | 3 | – | – | – | – | 1 | – | – | – | 2 | – | 2 | – | |
| West Battersea *WwH* - - S | 93,385 | 65 | 29 | 8 | 8 | – | – | – | – | – | – | 1 | – | – | 2 | 3 | 6 | |
| Clapham *H* - - - - - S. | 46,953 | 26 | 13 | – | 5 | – | – | – | – | – | – | – | – | – | – | – | 2 | |
| Wandsworth *WHHL* - - S. | 58,101 | 39 | 13 | 4 | 4 | – | – | – | – | – | – | – | – | 1 | – | 3 | – | |
| Putney - - - - - - S. | 20,566 | 11 | 3 | 1 | – | – | – | – | – | – | – | – | – | 1 | – | – | – | |
| Streatham *WwwL* - - L. | 61,644 | 29 | 25 | 4 | 8 | – | 1 | 1 | 4 | – | – | 1 | – | 1 | 1 | 1 | 7 | |
| Dulwich - - - - - L. & S. | 7,519 | 4 | 4 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | |
| Camberwell *Wwll* - S. & L. | 90,286 | 54 | 40 | 7 | 16 | – | – | – | – | – | – | – | – | – | 1 | 1 | 22 | |
| Peckham *WW* - S., L., & K | 88,242 | 48 | 31 | 11 | 8 | – | – | – | 2 | 1 | – | – | – | 1 | 2 | 5 | – | |
| St. George Camberwell - L. & S. | 67,029 | 34 | 14 | 3 | 4 | – | – | – | – | – | – | – | – | – | 1 | 3 | – | |
| Deptford North - - - K. | 36,152 | 36 | 7 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | |
| Deptford Central *w* - - K. | 45,441 | 26 | 18 | 5 | 1 | – | – | 1 | 5 | 1 | – | 2 | – | – | – | 1 | 8 | |
| Deptford South - - - K. | 33,402 | 17 | 5 | 2 | 1 | – | – | – | – | – | – | – | – | 1 | – | – | – | |
| Greenwich West *H* - - K. | 23,012 | 18 | 5 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | |
| Greenwich East *WH* - - K. | 37 767 | 31 | 18 | 1 | 9 | – | – | 1 | 1 | – | – | – | – | – | 1 | 1 | 11 | |
| Eltham *wH* - - - - K. | 5,911 | 4 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Lee *H* - - - - - K. | 24,222 | 9 | 8 | 2 | 4 | – | – | – | – | – | – | – | – | 2 | – | – | 1 | |
| Lewisham *WwH* - - - K. | 38,139 | 30 | 22 | 2 | 5 | – | – | – | 5 | – | – | 1 | – | 1 | 1 | 1 | 14 | |
| Sydenham *H* - - - - L. | 37,601 | 18 | 7 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | – | 3 | |
| Charlton *wHB* - - K. | 15,928 | 11 | 7 | 1 | 1 | – | – | – | 3 | – | – | 2 | – | – | – | – | 5 | |
| Woolwich Dockyard - - K. | 19,355 | 9 | 6 | 2 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 17 | 4 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Plumstead West *H* - - K. | 16,714 | 9 | 4 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | |
| Plumstead East *WH* - - K. | 42,538 | 30 | 16 | 4 | 5 | – | – | – | – | – | – | – | – | – | 1 | 1 | 6 | |
| Banstead Asylum - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Caterham Asylum - - - - | — | – | 4 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 4 | |
| Cane Hill Asylum - - - - | — | – | 3 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 3 | |
| Hospital Ships and Camp, Dartford | — | – | 1 | – | – | – | – | – | 1 | – | – | – | – | – | – | – | 1 | |
| Darenth Asylum - - - - | — | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | |
| London County Asylum, Dartford Heath - - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Hanwell Asylum - - - - | — | – | 3 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 3 | |
| Colney Hatch Asylum - - - | — | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | 2 | |
| N.E. Hospital - - - - - | — | – | 1 | – | – | – | – | 1 | – | – | – | – | – | – | – | – | 1 | |
| Winchmore Hill Hospital - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Leavesden Asylum - - - - | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | 1 | |
| Claybury Asylum - - - - | — | – | 12 | – | 4 | – | – | – | – | – | – | – | – | – | – | 1 | 12 | |

* The two Sub-Districts of Leather Market and St. James Bermondsey were united on 1st September, and called Bermondsey.

LE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 29th October, 1898.

| Sub-division of District | REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years & upwds. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LONDON—OUTER RING - | 368,749 | 1,422,063 | 1092 | 405 | 102 | 110 | – | 1 | 5 | 19 | 3 | 6 | 21 | 8 | 18 | 61 | 1 |
| :1 | Carshalton *wHH* - - | 12,228 | 26,108 | 14 | 4 | 1 | 1 | – | – | – | – | – | – | – | – | 1 | – | – |
| 2 | Epsom, *part of** *WwHH* - | 10,423 | 12,508 | 2 | 2 | – | 1 | – | – | – | – | – | – | – | – | 1 | 1 | – |
| :1 | Godstone, *part of** *W* - | 2,754 | 1,598 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| :1 | Croydon *WwHHH* - - | 20,851 | 128,699 | 84 | 29 | 10 | 7 | – | – | – | 1 | – | – | 3 | 1 | 1 | 8 | – |
| 2 | Mitcham *w* - - - | 11,697 | 23,088 | 16 | 4 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| :1 | Wimbledon *HHH* - - | 3,220 | 25,761 | 22 | 6 | – | 3 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Kingston *W* - - - | } 14,672 | { 33,566 | 27 | 9 | 4 | 2 | – | – | – | 1 | – | – | – | – | – | 2 | – |
| 3 | Surbiton *H-* - - - | | 12,178 | 9 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 4 | Esher, *part of** *HH* - - | | 11,080 | 6 | 4 | 2 | – | – | – | – | – | – | – | – | – | 1 | – | – |
| 5 | Hampton *HL* - - - | 4,565 | 18,252 | 12 | 7 | 1 | 3 | – | – | – | – | – | – | – | – | – | 1 | – |
| :1 | Richmond *WH-* - - - | 2,160 | 25,389 | 11 | 12 | 1 | 7 | – | – | – | – | – | – | – | 1 | 1 | 4 | – |
| 2 | Mortlake *H* - - - | 2,823 | 16,159 | 6 | 3 | 2 | – | – | – | – | – | – | – | 1 | – | – | – | – |
| ;1 | Bromley *HHH* - - - | 9,127 | 23,815 | 16 | 6 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Beckenham *H* - - - | 6,542 | 21,969 | 12 | 6 | 3 | 2 | – | – | – | 1 | – | – | – | – | – | – | – |
| 3 | Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 8 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| :1 | Bexley *HHH* - - - | 12,540 | 30,590 | 22 | 7 | 1 | 1 | – | – | – | 1 | – | – | – | – | – | – | – |
| 2 | Dartford *WH*, *part of** - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| :1 | Sunbury *w* - - - | 11,054 | 13,671 | 15 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Staines *WH* - - - | 13,277 | 13,221 | 11 | 6 | 2 | 2 | – | – | – | – | – | – | 1 | – | – | – | – |
| :1 | Hillingdon *WHH* - - | 6,035 | 12,237 | 2 | 9 | 1 | 4 | – | – | – | – | – | – | – | – | – | 1 | – |
| 2 | Uxbridge - - - - | 12,757 | 7,253 | 4 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Hayes *wH-* - - - - | 7,952 | 11,051 | 10 | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| :1 | Isleworth *WHH* - - | 6,967 | 26,004 | 19 | 11 | 2 | 3 | – | – | – | – | 1 | – | – | – | – | 5 | – |
| 2 | Twickenham *HH* - - | 2,415 | 16,027 | 9 | 5 | – | 4 | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Brentford *HHHH* - - | 4,318 | 37,777 | 21 | 9 | 4 | 3 | – | – | – | – | – | – | – | – | – | – | – |
| 4 | Chiswick - - - - | 1,245 | 21,963 | 13 | 11 | 2 | 4 | – | – | – | – | – | – | – | – | 1 | – | – |
| 5 | Acton *wHH* - - - | 6,132 | 30,945 | 35 | 12 | 4 | 4 | – | – | 1 | – | – | – | – | 1 | 1 | – | – |
| :1 | Harrow *HHH* - - - | 13,809 | 15,715 | 17 | 2 | 1 | – | – | – | – | – | – | 1 | – | – | – | – | – |
| 2 | Edgware *HH* - - - | 6,994 | 3,844 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Willesden *HHH* - - | 4,383 | 61,265 | 66 | 16 | 5 | 4 | – | – | 1 | 1 | – | – | 3 | – | 1 | 1 | – |
| 4 | Hendon *WH* - - - | 8,382 | 15,843 | 15 | 10 | – | 5 | – | – | – | – | – | – | – | – | – | 8 | – |
| :1 | South Mimms *HH* - - | } 21,077 | { 6,367 | – | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Barnet *WHH* - - - | | 14,152 | 5 | 2 | – | 2 | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Finchley *HHH-* - - | 4,688 | 25,820 | 17 | 5 | – | 1 | – | – | – | – | – | – | – | – | 1 | – | – |
| :1 | Hornsey *HH* - - - | 3,039 | 61,097 | 27 | 12 | 3 | 2 | – | – | – | 2 | – | 1 | – | – | – | 1 | – |
| 2 | Tottenham *HH-* - - | 4,642 | 97,174 | 67 | 15 | – | 5 | – | – | – | 1 | – | – | 2 | – | – | – | – |
| 3 | Edmonton *Www* - - | 7,489 | 36,351 | 35 | 19 | 7 | 3 | – | – | – | – | 2 | – | 2 | 1 | 1 | 6 | – |
| 4 | Enfield *WWHH* - - | 12,602 | 31,536 | 23 | 8 | 3 | 1 | – | – | – | 1 | – | – | – | – | 1 | – | – |
| 5 | Waltham Abbey - - - | 11,017 | 6,066 | 2 | 3 | – | – | – | – | – | 1 | – | – | – | – | – | – | – |
| 6 | Cheshunt *H* - - - | 8,480 | 9,620 | 9 | 3 | – | 1 | – | – | – | 1 | – | – | 1 | – | – | – | – |
| 5 :1 | Hatfield, *part of** *W* - - | 3,306 | 582 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 7 :1 | Bushey *H* - - - - | 9,331 | 7,737 | 7 | 2 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Watford *WH*, *part of** - | — | — | – | 1 | – | – | – | – | 1 | – | – | – | – | – | – | 1 | – |
| 3 :1 | Stratford *H* - - - | } 4,706 | { 38,612 | 31 | 14 | 2 | 4 | – | – | 1 | – | – | 1 | – | – | – | – | – |
| 2 | Plaistow *WHHH* - - | | 58,030 | 71 | 28 | 10 | 3 | – | 1 | – | 6 | – | 1 | 4 | – | 2 | 4 | 1 |
| 3 | Canning Town *H* - - | | 54,750 | 59 | 16 | 8 | 2 | – | – | – | – | – | 1 | 2 | 1 | 2 | – | – |
| 4 | Forest Gate *w* - - - | | 53,511 | 41 | 8 | – | 2 | – | – | – | 1 | – | – | – | 1 | 1 | – | – |
| 5 | East Ham *wH-* - - | 3,266 | 32,713 | 56 | 14 | 3 | 2 | – | – | 1 | 1 | – | – | – | – | – | 1 | – |
| 6 | Leyton *WWWwH* - - | 4,334 | 70,188 | 55 | 27 | 9 | 7 | – | – | – | – | – | 1 | 1 | 1 | 1 | 10 | – |
| 7 | Walthamstow *HHL* - - | 6,501 | 57,330 | 48 | 16 | 4 | 6 | – | – | – | – | – | – | 1 | 1 | 1 | 1 | – |
| 7 :1 | Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 10 | 3 | – | 2 | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Epping *WH*, *part of** - - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 9 :1 | Romford, *part of** *WH* - | 6,556 | 4,324 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 2 | Ilford - - - - - | 8,493 | 10,913 | 17 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 3 | Barking Town, *H* - - | 3,814 | 14,301 | 8 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| | Middlesex Co. Lunatic Asy., Wandsworth. | — | — | – | 5 | – | 1 | – | – | – | – | – | – | – | – | – | 5 | – |

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring re as follows:—30: 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37: 1, the parishes of Warlingham nd Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst ub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in latfield sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping pop. 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for nfectious Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford; and 187: 2, Epping sub-districts

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 29th October, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | ANNUAL RATE of MORTALITY per 1000 living. From All Causes. | From Diseases in Cols. 8-14. | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. |
| GREATER LONDON | **443,421** | **6,408,321** | **14·3** | **1·6** | **1817** | **452** | **461** | – | **20** | **15** | **65** | **16** | **28** | **54** | **71** |
| INNER LONDON - | 74,672 | 4,504,766 | 16·3 | 1·7 | 1412 | 350 | 351 | – | 19 | 10 | 46 | 13 | 22 | 33 | 63 |
| OUTER RING - | 368,749 | 1,903,555 | 11·1 | 1·5 | 405 | 102 | 110 | – | 1 | 5 | 19 | 3 | 6 | 21 | 8 |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

| CITIES | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. (Exclusive of Stillborn) | DEATHS. (Exclusive of Stillborn) | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM PRINCIPAL ZYMOTIC DISEASES. Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 295,628 | October 29 | 176 | 105 | 18·5 | – | 1 | – | 1 | 1 | – |
| GLASGOW - - | 724,349 | „ 29 | 517 | 264 | 19·0 | – | 3 | 4 | 2 | 2 | 10 |
| DUBLIN - - | 349,594 | „ 29 | 196 | 177 | 26·4 | – | – | 1 | 3 | 1 | 4 |
| CALCUTTA - - | 466,460 | September 17 | – | 199 | 22·2 | – | – | – | – | 1 | 49† |
| BOMBAY - - | 821,764 | October 11 | 254 | 951 | 60·2 | 1 | 2 | ? | ? | ? | 321† |
| MADRAS - - | 452,518 | September 30 | 429 | 458 | 52·6 | – | 4 | ? | ? | ? | 126 |
| PARIS - - - | 2,511,629 | October 22 | 1082 | 881 | 18·2 | – | – | 1 | 7* | 12 | 12 |
| BRUSSELS - - | 551,011 | „ 22 | 250 | 172 | 16·2 | – | 1 | 1 | – | 1 | 2 |
| AMSTERDAM - | 508,266 | „ 15 | 302 | 177 | 18·1 | – | 5 | – | 3 | 8 | 1 |
| ROTTERDAM - | 303,878 | „ 15 | 228 | 101 | 17·2 | – | – | – | – | 2 | 1 |
| THE HAGUE - | 196,325 | „ 15 | 105 | 69 | 18·3 | – | 2 | – | 1 | 4 | – |
| COPENHAGEN - | 345,000 | „ 22 | 216 | 131 | 19·8 | – | – | 1 | 1 | 5 | 1 |
| STOCKHOLM - | 283,550 | „ 15 | 153 | 76 | 13·9 | – | – | 2 | 5* | 1 | – |
| CHRISTIANIA - | 203,337 | „ 22 | – | 50 | 12·8 | – | 1 | – | 1 | 1 | – |
| ST. PETERSBURG | 1,132,677 | „ 15 | 626 | 496 | 22·8 | – | 2 | 13 | 33 | 13 | 17 |
| MOSCOW - - | 988,610 | „ 15 | – | 453 | 23·9 | 2 | 3 | 5 | 8 | 5 | 9 |
| BERLIN - - | 1,773,003 | „ 8 | – | – | – | – | – | – | – | – | – |
| HAMBURG - - | 661,015 | „ 22 | – | 204 | 16·0 | – | – | – | 1* | 4 | 1 |
| DRESDEN - - | 385,300 | „ 8 | – | – | – | – | – | – | – | – | – |
| BRESLAU - - | 392,795 | „ 22 | – | 151 | 20·1 | – | – | 3 | – | 1 | – |
| MUNICH - - | 430,000 | „ 22 | – | 187 | 22·6 | – | – | 2 | 3* | 4 | 2 |
| VIENNA - - | 1,590,295 | „ 22 | 873 | 532 | 17·2 | – | 7 | 2 | 10* | 1 | 1 |
| PRAGUE - - | 382,029 | „ 22 | – | – | – | – | – | – | – | – | – |
| BUDA-PESTH - | 648,104 | „ 15 | 420 | 285 | 22·9 | – | 8 | 11 | 4 | 2 | 2 |
| TRIESTE - - | 165,177 | „ 15 | – | – | – | – | – | – | – | – | – |
| ROME - - - | 499,861 | „ 1 | 218 | 148 | 15·4 | – | – | – | 1 | – | 13§ |
| TURIN (10 days) | 344,203 | September 30 | 176 | 171 | 18·1 | – | – | – | 1 | 2 | 2 |
| VENICE - - | 169,545 | October 8 | 85 | 67 | 20·6 | – | – | – | – | – | 3 |
| CAIRO - - | 570,062 | July 22 | – | – | – | – | – | – | – | – | – |
| ALEXANDRIA - | 319,766 | „ 22 | – | – | – | – | – | – | – | – | – |
| NEW YORK (including BROOKLYN) | 3,438,899 | October 8 | 1699 | 1232 | 18·7 | – | 3 | 8 | 14 | 10 | 36 |
| PHILADELPHIA - | 1,240,266 | „ 8 | – | 408 | 17·2 | – | – | – | 26 | 2 | 14 |

* Including deaths from croup.
† Including 1 death from plague in Calcutta, and 240 in Bombay.
‡ Including 2 deaths from cholera in Calcutta, 2 in Bombay, and 35 in Madras.
§ Including 6 deaths from malarial fever.

| 1898. Month and Day | Phases of the Moon. | Barometer. Mean daily reading (corrected and reduced to 32° Fahrenheit). | Temperature. Of the Air. High-est. | Of the Air. Low-est | Of the Air. Daily Range. | Of the Air. Mean daily value. | Of the Air. De-parture from Average of 50 years. | Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Great-est. | Least. | Degree of Humidity (Saturation equals 100). | Of Radiation. Highest in Sun's Rays. | Lowest on the Grass. | Of the Earth 3 feet below the Surface. | Osler's. General Direction. A.M. | P.M. | Pressure on the Square Foot. Great-est. | Least. | Mean of 24 hourly obs. | Robinson's. Horizontal Movement of the Air on each Day. | Depar-ture from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| October | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| Sunday - 23 | .. | 29·963 | 64·0 | 51·1 | 12·9 | 56·2 | + 8·0 | 51·7 | 4·5 | 12·1 | 0·0 | 85 | 93·7 | 47·7 | 56·42 | WSW. & SW. | SW. & SSW. | 0·9 | 0·0 | 0·0 | 212 | - 57 | 0·00 | 0·0 |
| Monday - 24 | .. | 29·862 | 61·0 | 49·7 | 11·3 | 54·2 | + 6·3 | 46·1 | 8·1 | 15·6 | 0·0 | 74 | 107·7 | 46·1 | 56·63 | SSW.& SW. | SW. & WSW. | 6·4 | 0·0 | 0·4 | 361 | + 92 | 0·02 | 0·0 |
| Tuesday - 25 | In Equator | 29·861 | 58·0 | 45·4 | 12·6 | 53·0 | + 5·4 | 48·0 | 5·0 | 8·0 | 3·5 | 83 | 71·1 | 41·9 | 56·58 | WSW. | SW. & WSW. | 5·5 | 0·0 | 0·6 | 435 | +165 | 0·00 | 3·5 |
| Wednesday 26 | .. | 29·892 | 61·0 | 54·0 | 7·0 | 57·0 | + 9·6 | 50·9 | 6·1 | 8·9 | 3·2 | 80 | 78·2 | 50·1 | 56·38 | WSW. & SW. | SW. | 4·3 | 0·0 | 0·6 | 428 | +157 | 0·00 | 1·8 |
| Thursday- 27 | .. | 29·879 | 61·0 | 52·9 | 8·1 | 56·7 | + 9·4 | 49·4 | 7·3 | 11·2 | 1·4 | 77 | 74·0 | 48·2 | 56·27 | SW. | SW., & SSW. | 2·9 | 0·0 | 0·1 | 256 | - 16 | 0·00 | 0·7 |
| Friday - 28 | .. | 29·742 | 61·3 | 49·2 | 12·1 | 54·9 | + 7·7 | 48·4 | 6·5 | 12·3 | 0·0 | 79 | 104·7 | 42·8 | 56·28 | SSW. | S. & SSE. | 1·3 | 0·0 | 0·0 | 163 | -110 | 0·01 | 0·0 |
| Saturday - 29 | Full | 29·445 | 60·5 | 51·8 | 8·7 | 56·4 | + 9·4 | 55·0 | 1·4 | 4·9 | 0·0 | 95 | 69·7 | 45·0 | 56·27 | SSE. & SSW. | S. & SSE. | 2·4 | 0·0 | 0·1 | 249 | - 25 | 1·00 | 0·0 |
| Means - - | | 29·806 | 61·0 | 50·6 | 10·4 | 55·5 | + 8·0 | 49·9 | 5·6 | 10·4 | 1·2 | 82 | 85·6 | 46·0 | 56·40 | SW. & SSE. | | .. | .. | .. | Sum 2104 | Sum +206 | Sum 1·03 | 0·9 |
| No. of Column - | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| Date. October | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | General Remarks. |
|---|---|---|---|---|
| Sunday - 23 | w. P. throughout - | 8·4 | 10·1 | Cloudy in early morning; very fine generally afterwards. Solar halo observed in forenoon; lunar halo at night. |
| Monday - 24 | w. P. generally; w. N. between 7h. and 8h. P.M. | 5·4 | 10·1 | Fine till evening; variable and showery afterwards. |
| Tuesday - 25 | w. P. throughout - | 0·0 | 10·0 | Generally overcast. A slight shower at 6h. 45m. P.M. |
| Wednesday 26 | w. P. throughout - | 0·7 | 10·0 | Cloudy generally. |
| Thursday- 27 | w. P. generally; m. P. during the evening. | 1·2 | 9·9 | Generally cloudy; fine in morning. |
| Friday - 28 | w. P. till 7h. P.M.; v. P. and v. N. afterwards. | 6·4 | 9·9 | Very fine till evening; cloudy with occasional slight showers till 10h. P.M.; fine afterwards. Lunar halo observed at 9h. 30m. P.M. |
| Saturday - 29 | Register imperfect, insulation defective. | 0·1 | 9·8 | Fine in early morning; generally overcast with frequent rain afterwards. Heavy rain with lightning between 8h. and 10h. P.M. |
| | | Sum 22·2 | Sum 69·8 | |
| No. of Col. - - | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer increased from 29·84 in. at the beginning of the week to 29·99 in. by 9h. P.M. on the 23rd; decreased to 29·79 in. by 10h. P.M. on the 24th; increased to 29·91 in. by 11h. A.M. on the 27th; and decreased to 29·15 in. by the end of the week.

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1898.

OFFICIAL COPY.

# WEEKLY RETURN
OF
# BIRTHS AND DEATHS IN LONDON
AND IN
# THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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No. 44. 1898. Vol. LIX.] WEEK ENDING SATURDAY, Nov. 5. [Price 1½*d.*

*General Register Office, Somerset House,*
*November 7th*, 1898.

## THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 17·0 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| Towns. | Weeks ending Oct. 15. | Oct. 22. | Oct. 29. | Nov. 5. | Towns. | Weeks ending Oct. 15. | Oct. 22. | Oct. 29. | Nov. 5. |
|---|---|---|---|---|---|---|---|---|---|
| 33 Great Towns | 19·0 | 18·8 | 17·9 | 17·0 | Leicester - - | 14·5 | 14·7 | 15·5 | 16·7 |
| Birkenhead - | 13·8 | 17·5 | 19·8 | 14·3 | Liverpool - - | 21·9 | 24·4 | 26·6 | 22·2 |
| Birmingham - | 20·7 | 21·4 | 21·3 | 18·8 | London - - - | 18·5 | 17·3 | 16·3 | 16·1 |
| Blackburn - | 20·0 | 12·5 | 24·3 | 20·7 | Manchester - - | 25·1 | 23·5 | 23·5 | 21·7 |
| Bolton - - | 17·0 | 17·9 | 20·0 | 16·6 | Newcastle-on-Tyne | 23·6 | 26·4 | 19·6 | 18·7 |
| Bradford - | 17·4 | 14·3 | 16·5 | 13·8 | Norwich - - | 28·5 | 22·9 | 14·0 | 17·7 |
| Brighton - | 10·2 | 14·9 | 14·5 | 20·0 | Nottingham - - | 16·3 | 20·5 | 15·2 | 18·5 |
| Bristol - | 16·8 | 12·8 | 14·3 | 13·0 | Oldham - - | 17·6 | 16·9 | 16·9 | 16·2 |
| Burnley - | 16·2 | 16·7 | 20·9 | 16·7 | Plymouth - - | 18·4 | 20·0 | 15·8 | 20·5 |
| Cardiff - - | 13·2 | 11·4 | 15·0 | 13·2 | Portsmouth - - | 13·1 | 19·8 | 15·9 | 15·1 |
| Croydon - | 11·7 | 14·7 | 9·6 | 6·7 | Preston - - | 15·7 | 21·5 | 20·6 | 18·8 |
| Derby - - | 13·9 | 13·9 | 13·9 | 10·4 | Salford - - - | 25·6 | 30·2 | 20·3 | 21·3 |
| Gateshead - | 18·1 | 22·6 | 22·1 | 16·6 | Sheffield - - | 20·5 | 23·7 | 22·5 | 17·8 |
| Halifax - | 15·1 | 20·5 | 13·5 | 13·5 | Sunderland - - | 25·7 | 25·7 | 23·2 | 18·1 |
| Huddersfield - | 18·3 | 11·7 | 12·7 | 12·2 | Swansea - - | 22·5 | 18·4 | 18·9 | 18·4 |
| Hull - - | 24·0 | 20·9 | 16·3 | 16·8 | West Ham - - | 15·3 | 15·1 | 12·9 | 14·7 |
| Leeds - - | 19·6 | 19·4 | 15·1 | 18·6 | Wolverhampton - | 20·1 | 13·0 | 24·9 | 18·4 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·1 in Plymouth, in Nottingham, and in Sunderland, 1·7 in Portsmouth, and 1·9 in Norwich; from *scarlet fever*, 1·4 in Norwich; from *whooping-cough*, 2·2 in Halifax; from "*fever*," 1·0 in Huddersfield and 1·2 in Sheffield; and from *diarrhœa*, 1·0 in Derby and in Sheffield, 1·3 in Manchester, 1·4 in Burnley, 1·5 in Leicester, 1·6 in Plymouth, 2·2 in Preston, and 2·4 in Wolverhampton. The 69 deaths from *diphtheria* included 28 in London, 8 in West Ham, 7 in Swansea, 5 in Portsmouth, 5 in Liverpool, 4 in Leeds, 4 in Sheffield, and 3 in Leicester. No death from *small-pox* was registered in any of the thirty-three towns.

## LONDON.

In LONDON† 2530 BIRTHS and 1394 DEATHS were registered. Allowing for increase of population, the births were 222, and the deaths 272, below the average numbers in the corresponding weeks of the last ten

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas, to which they belong.

years. The annual death-rate per 1000 from all causes, which had been 18·5, 17·3, and 16·3 in the preceding three weeks, further fell last week to 16·1. During the four weeks ending on Saturday last the death-rate averaged 17·1 per 1000, being 1·1 per 1000 below the mean rate in the corresponding periods of the ten years 1888–97.

The 1394 deaths included 23 from measles, 13 from scarlet fever, 28 from diphtheria, 10 from whooping-cough, 1 from typhus, 29 from enteric fever, 34 from diarrhœa and dysentery, and not one death from small-pox, from any ill-defined form of continued fever, or from cholera; thus, 138 deaths were referred to these diseases, being 58 below the corrected average weekly number.

The deaths from *measles*, which had been 9, 12, and 19 in the preceding three weeks, further rose last week to 23, but were 27 below the corrected average; 4 cases belonged to Bethnal Green, 4 to Whitechapel, 3 to St. Luke, and 3 to St. Saviour Southwark sanitary areas. The deaths from *scarlet fever*, which had been 7, 14, and 10 in the preceding three weeks, rose again last week to 13, but were 10 below the corrected average. The deaths from *diphtheria*, which had been 41, 30, and 46 in the preceding three weeks, fell again last week to 28, and were 24 below the corrected average; 3 cases belonged to St. Pancras, 3 to Hackney, and 3 to Bermondsey sanitary areas. The deaths from *whooping-cough*, which had been 17, 10, and 13 in the preceding three weeks, fell again last week to 10, and were 11 below the corrected average. The fatal cases of *enteric fever*, which had been 18, 28, and 20 in the preceding three weeks, rose again last week to 29, and were 9 above the corrected average; 3 cases belonged to Poplar, 2 to Paddington, 2 to Islington, 2 to Bethnal Green, and 2 to Lambeth sanitary areas. The death from *typhus* was that of a man, aged 38 years, who had been removed from Bailey's Lane, Tottenham, to the German Hospital. The deaths from *diarrhœa*, which had been 99, 48, and 33 in the preceding three weeks, were 34 last week, the corrected average being 29. The deaths referred to diseases of the respiratory organs, which had been 263, 263, and 263 in the preceding three weeks, fell last week to 237, and were 147 below the corrected average. The deaths attributed directly to *influenza* numbered 12, having been 9, 15, and 10 in the preceding three weeks.

Different forms of violence caused 50 deaths, concerning all but 2 of which inquests were held. Of these 50 deaths, 8 were cases of suicide, while the remaining 42 were attributed to accident or negligence. Six of these were referred to vehicles in the streets, 1 to the effects of ether adminstered for surgical purposes, and 11 (of infants under one year of age) to suffocation in bed.

### Cases of Infectious Sickness in Hospitals*.

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 3092 cases of scarlet fever, 1241 of diphtheria, and 230 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 318 cases, against 357, 381, and 336; of diphtheria, 174 cases, against 183, 177, and 152; and of enteric fever, 39 cases, against 38, 44, and 45.

### Greater London.

In Greater London 3540 births and 1825 deaths were registered, corresponding to annual rates of 28·8 and 14·8 per 1000 of the estimated population. In the Outer Ring 4 deaths from scarlet fever, 17 from diphtheria, 10 from whooping-cough, 10 from "fever," and 15 from diarrhœa were registered. Four deaths from scarlet fever, 9 from diphtheria, and 6 from "fever" occurred in West Ham district.

### Meteorology.

The mean reading of the Barometer last week at Greenwich was 29·60 inches, and that of the Thermometer 49°·8; the latter being 3°·3 above the week's average in the 50 years 1841–90. The direction of the wind was South-Westerly, the horizontal movement of the air being 49 per cent. above the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 28·7 hours; the measured rainfall amounted to 0·52 of an inch.

* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Registered during the Week ending 5th November 1898. Births. | Deaths. | Deaths of Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Per 1000 corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6-12. | Highest. Fahrenheit. | Lowest. Fahrenheit. | Mean. Fahrenheit. | Mean. Centigrade. | Rainfall. In Inches. | In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| 33 Towns - | 11,218,378 | 6695 | 3663 | 992 | 783 | - | 68 | 43 | 69 | 26 | 91 | 123 | 109 | 238 | 315 | 46 | 17·0 | 2·0 | 61·0 | 31·3 | 49·3 | 9·61 | 0·80 | 2·03 | 33 Towns. |
| London - - | 4,504,766 | 2530 | 1394 | 357 | 335 | - | 23 | 13 | 28 | 10 | 30 | 34 | 50 | 114 | 432 | 12 | 16·1 | 1·6 | 60·3 | 38·0 | 49·8 | 9·89 | 0·52 | 1·32 | London. |
| West Ham - - | 286,654 | 191 | 81 | 26 | 10 | - | 1 | 3 | 8 | - | 5 | 2 | 3 | 6 | 9 | 2 | 14·7 | 3·5 | - | - | - | - | - | - | West Ham. |
| Croydon - - | 124,421 | 48 | 16 | 1 | 11 | - | - | - | - | - | - | - | - | - | 5 | - | 6·7 | - | 60·5 | 33·0 | 49·4 | 9·67 | 1·17 | 2·97 | Croydon. |
| Brighton - - | 122,310 | 49 | 47 | 19 | 11 | - | - | - | - | - | - | 1 | 3 | 6 | 7 | - | 20·0 | 0·4 | 59·0 | 38·2 | 51·1 | 10·61 | 0·66 | 1·68 | Brighton. |
| Portsmouth - | 186,618 | 108 | 54 | 15 | 13 | - | 6 | 1 | 5 | - | 3 | - | - | - | 14 | - | 15·1 | 4·2 | 58·8 | 39·0 | 52·0 | 11·11 | 0·72 | 1·83 | Portsmouth. |
| Plymouth - - | 99,136 | 62 | 39 | 8 | 12 | - | 2 | - | - | - | - | 3 | - | 1 | 9 | 1 | 20·5 | 2·6 | - | - | - | - | - | - | Plymouth. |
| Bristol - - | 316,900 | 192 | 79 | 23 | 16 | - | - | - | - | 4 | - | 2 | 1 | 2 | 16 | 1 | 13·0 | 1·0 | 60·0 | 37·0 | 49·0 | 9·44 | 1·06 | 2·69 | Bristol. |
| Cardiff - - | 177,770 | 111 | 45 | 13 | 8 | - | - | - | - | - | 1 | 1 | - | 4 | 1 | 1 | 13·2 | 0·6 | - | - | - | - | - | - | Cardiff. |
| Swansea - - | 102,001 | 64 | 36 | 11 | 5 | - | - | 1 | 7 | - | - | 1 | - | - | 3 | 1 | 18·4 | 4·6 | - | - | - | - | - | - | Swansea. |
| Wolverhampton | 88,051 | 56 | 31 | 11 | 7 | - | - | 1 | 1 | - | - | 4 | - | 1 | 3 | - | 18·4 | 3·6 | 58·6 | 32·6 | 47·7 | 8·72 | 0·22 | 0·56 | Wolverhampton. |
| Birmingham - | 510,343 | 366 | 184 | 65 | 38 | - | 2 | 1 | - | 2 | 1 | 2 | 8 | 9 | 41 | 5 | 18·8 | 0·8 | - | - | - | - | - | - | Birmingham. |
| Norwich - - | 111,699 | 62 | 38 | 11 | 11 | - | 4 | 3 | - | - | 2 | 2 | - | 2 | 3 | - | 17·7 | 5·1 | 60·8 | 36·4 | 49·4 | 9·67 | 0·74 | 1·88 | Norwich. |
| Leicester - - | 208,662 | 112 | 67 | 21 | 15 | - | - | 1 | 3 | - | 1 | 6 | 4 | 4 | 3 | - | 16·7 | 2·7 | - | - | - | - | - | - | Leicester. |
| Nottingham - | 236,137 | 109 | 84 | 17 | 20 | - | 5 | 1 | - | 2 | 3 | 2 | 3 | 5 | 17 | - | 18·5 | 2·9 | 60·3 | 31·3 | 48·1 | 8·94 | 0·87 | 2·21 | Nottingham. |
| Derby - - - | 104,834 | 61 | 21 | 4 | 5 | - | - | - | - | 1 | - | 2 | 1 | 3 | 9 | - | 10·4 | 1·5 | - | - | - | - | - | - | Derby. |
| Birkenhead - | 113,189 | 68 | 31 | 9 | 3 | - | - | - | 1 | - | 2 | 2 | - | 3 | 4 | - | 14·3 | 2·3 | - | - | - | - | - | - | Birkenhead. |
| Liverpool - - | 633,645 | 509 | 270 | 81 | 35 | - | 5 | 7 | 5 | 1 | 3 | 9 | 14 | 14 | 63 | 10 | 22·2 | 2·5 | 60·2 | 41·7 | 49·1 | 9·50 | 0·81 | 2·06 | Liverpool. |
| Bolton† - - | 122,495 | 61 | 39 | 5 | 7 | - | - | - | - | - | - | 2 | - | 4 | 5 | - | 16·6 | 0·9 | - | - | - | - | - | - | Bolton.† |
| Manchester - | 539,079 | 357 | 224 | 64 | 38 | - | 5 | 1 | 1 | 1 | 7 | 13 | 2 | 9 | 44 | 4 | 21·7 | 2·7 | - | - | - | - | - | - | Manchester. |
| Salford - - | 215,702 | 148 | 88 | 27 | 12 | - | 3 | - | 1 | - | 2 | 3 | 3 | 6 | 16 | - | 21·3 | 2·2 | - | - | - | - | - | - | Salford. |
| Oldham - - | 148,288 | 81 | 46 | 12 | 7 | - | - | 1 | - | - | 2 | 2 | 1 | 2 | 4 | - | 16·2 | 1·8 | - | - | - | - | - | - | Oldham. |
| Burnley - - | 109,546 | 41 | 35 | 7 | 11 | - | - | - | - | - | 1 | 3 | - | - | 8 | 2 | 16·7 | 1·9 | - | - | - | - | - | - | Burnley. |
| Blackburn - - | 133,228 | 71 | 53 | 14 | 10 | - | 2 | 1 | - | 1 | 2 | 1 | - | - | 10 | - | 20·7 | 2·7 | - | - | - | - | - | - | Blackburn. |
| Preston - - | 116,356 | 62 | 42 | 12 | 5 | - | - | - | - | - | 1 | 5 | - | 1 | 1 | 1 | 18·8 | 2·7 | - | - | - | - | - | - | Preston. |
| Huddersfield - | 102,454 | 50 | 24 | 4 | 12 | - | - | - | - | - | 2 | - | 1 | 3 | 2 | - | 12·2 | 1·0 | 58·0 | 39·3 | 47·8 | 8·78 | 1·28 | 3·25 | Huddersfield. |
| Halifax - - | 96,729 | 43 | 25 | 6 | 5 | - | - | - | - | 4 | 1 | 1 | - | - | 3 | - | 13·5 | 3·2 | - | - | - | - | - | - | Halifax. |
| Bradford - - | 233,737 | 99 | 62 | 14 | 16 | - | 1 | 1 | - | - | 4 | 2 | 1 | 3 | 6 | 2 | 13·8 | 1·8 | 59·8 | 41·2 | 50·0 | 10·00 | 1·11 | 2·82 | Bradford. |
| Leeds - - - | 416,618 | 288 | 149 | 41 | 35 | - | 1 | 3 | 4 | - | 5 | 3 | 1 | 13 | 22 | - | 18·6 | 2·0 | - | - | - | - | - | - | Leeds. |
| Sheffield - - | 356,478 | 240 | 122 | 39 | 21 | - | 2 | - | 4 | - | 8 | 7 | 2 | 1 | 19 | 3 | 17·8 | 3·1 | - | - | - | - | - | - | Sheffield. |
| Hull - - - | 229,887 | 140 | 74 | 20 | 12 | - | 3 | 1 | - | - | 2 | 3 | 3 | 5 | 13 | - | 16·8 | 2·0 | 61·0 | 40·0 | 47·8 | 8·78 | 0·48 | 1·22 | Hull. |
| Sunderland - | 143,849 | 105 | 50 | 7 | 12 | - | 3 | 1 | - | - | 1 | - | 1 | 5 | 5 | - | 18·1 | 1·8 | - | - | - | - | - | - | Sunderland. |
| Gateshead - - | 103,775 | 73 | 33 | 9 | 8 | - | - | 1 | - | - | - | 1 | 1 | 4 | 1 | - | 16·6 | 1·0 | - | - | - | - | - | - | Gateshead. |
| Newcastle - - | 223,021 | 138 | 80 | 19 | 17 | - | - | 1 | 1 | - | 2 | 4 | 6 | 8 | 17 | 1 | 18·7 | 1·9 | - | - | - | - | - | - | Newcastle. |

* See note * on first page of this return.

† The recent extension of the Borough of Bolton will not be taken into account in the Weekly Returns until 1899.

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the FORTY-FOURTH Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2373 | 2623 | 2295 | 2717 | 2767 | 2452 | 2659 | 2693 | 2819 | 2751 | 2751·6 | 2530 |
| Males - - - | 1204 | 1316 | 1155 | 1348 | 1336 | 1253 | 1331 | 1368 | 1405 | 1379 | 1377·9 | 1275 |
| Females - | 1169 | 1307 | 1140 | 1369 | 1431 | 1199 | 1328 | 1325 | 1414 | 1372 | 1373·7 | 1255 |
| TOTAL **Deaths** - | 1613 | 1317 | 1817 | 1446 | 1491 | 1695 | 1372 | 1789 | 1709 | 1585 | 1666·2 | 1394 |
| Males - - | 820 | 673 | 909 | 755 | 747 | 853 | 711 | 921 | 873 | 818 | 850·2 | 713 |
| Females - - | 793 | 644 | 908 | 691 | 744 | 842 | 661 | 868 | 836 | 767 | 816·0 | 681 |

*The numbers in this column are the average weekly numbers in the forty-fourth week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | Aug. 13. | Aug. 20. | Aug. 27. | Sept. 3. | Sept. 10. | Sept. 17. | Sept. 24. | Oct. 1. | Oct. 8. | Oct. 15. | Oct. 22. | Oct. 29. | Nov. 5. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** - - | 2807 | 2489 | 2551 | 2650 | 2446 | 2499 | 2574 | 2614 | 2554 | 2454 | 2468 | 2652 | 2530 |
| TOTAL **Deaths** - - - | 1772 | 2019 | 1856 | 1898 | 2007 | 1832 | 1863 | 1700 | 1620 | 1600 | 1497 | 1412 | 1394 |
| Ages at Death: Under 1 year - - | 800 | 915 | 886 | 887 | 929 | 786 | 764 | 619 | 498 | 415 | 351 | 350 | 357 |
| 1—5 years - - | 212 | 233 | 222 | 203 | 244 | 211 | 202 | 195 | 182 | 180 | 167 | 169 | 155 |
| 5—20 ,, - - | 72 | 61 | 64 | 83 | 76 | 64 | 86 | 76 | 76 | 95 | 93 | 82 | 73 |
| 20—40 ,, - - | 151 | 172 | 157 | 189 | 200 | 178 | 204 | 185 | 180 | 204 | 199 | 178 | 198 |
| 40—60 ,, - - | 235 | 283 | 236 | 259 | 241 | 270 | 269 | 293 | 314 | 324 | 320 | 282 | 276 |
| 60—80 ,, - - | 255 | 295 | 243 | 226 | 256 | 269 | 266 | 288 | 291 | 307 | 290 | 287 | 258 |
| 80 years and upwards | 47 | 60 | 48 | 51 | 61 | 54 | 72 | 44 | 79 | 75 | 77 | 64 | 77 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox - - - - - | - | - | - | - | - | - | - | - | - | 1 | - | - | - |
| Measles - - - - - | 31 | 18 | 20 | 11 | 16 | 8 | 12 | 10 | 7 | 9 | 12 | 19 | 23 |
| Scarlet Fever - - - | 10 | 17 | 7 | 5 | 8 | 3 | 9 | 10 | 7 | 7 | 14 | 10 | 13 |
| Diphtheria - - - - | 27 | 26 | 21 | 19 | 30 | 29 | 29 | 33 | 34 | 41 | 30 | 46 | 28 |
| Whooping-cough - - - | 34 | 32 | 32 | 29 | 40 | 25 | 31 | 29 | 18 | 17 | 10 | 13 | 10 |
| Typhus - - - - - | - | - | - | - | - | - | - | - | - | - | - | - | 1 |
| Enteric Fever - - - | 2 | 13 | 9 | 15 | 19 | 7 | 9 | 9 | 6 | 18 | 28 | 20 | 29 |
| Simple Continued Fever - | 1 | 1 | - | 1 | - | - | - | - | - | - | - | 2 | - |
| Diarrhœa and Dysentery .. | 329 | 432 | 461 | 431 | 433 | 397 | 347 | 247 | 138 | 99 | 48 | 33 | 34 |
| Cholera - - - - - | 15 | 14 | 14 | 13 | 13 | 14 | 7 | 10 | 1 | 1 | - | 1 | - |
| All the above Diseases - | 449 | 553 | 564 | 524 | 559 | 483 | 444 | 348 | 211 | 193 | 142 | 144 | 138 |
| Dis. of Respiratory System - | 171 | 195 | 135 | 127 | 130 | 135 | 157 | 200 | 226 | 263 | 263 | 263 | 237 |
| Phthisis - - - - - | 139 | 116 | 107 | 144 | 140 | 133 | 127 | 147 | 148 | 173 | 169 | 139 | 135 |
| Dis. of Circulatory System - | 127 | 111 | 106 | 116 | 111 | 123 | 121 | 136 | 140 | 143 | 137 | 125 | 130 |
| Violence - - - - | 62 | 69 | 73 | 60 | 71 | 96 | 58 | 66 | 76 | 56 | 52 | 63 | 50 |
| Inquest Cases - - - - | 131 | 139 | 150 | 124 | 135 | 166 | 133 | 147 | 147 | 145 | 121 | 135 | 114 |
| Deaths in Public Institutions - | 428 | 500 | 407 | 469 | 470 | 470 | 495 | 446 | 483 | 491 | 459 | 460 | 432 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean - - - - - | 61°·9 | 69°·5 | 65°·4 | 61°·1 | 70°·4 | 66°·4 | 57°·2 | 52°·9 | 56°·1 | 49°·5 | 55°·3 | 55°·5 | 49°·8 |
| Mean of Highest readings - | 72·2 | 82·1 | 76·8 | 73·2 | 83·6 | 79·5 | 68·7 | 63·8 | 62·4 | 55·1 | 60·0 | 61·0 | 56·5 |
| Mean of Lowest readings - | 53·6 | 59·3 | 55·8 | 50·5 | 60·0 | 55·1 | 47·1 | 42·5 | 50·1 | 44·5 | 50·8 | 50·6 | 43·0 |
| Humidity of the Air - - | 76 | 69 | 73 | 67 | 68 | 64 | 75 | 72 | 82 | 86 | 87 | 82 | 79 |
| Rain-fall (in inches) - - | 0·56 | 0·03 | 0·14 | 0·08 | 0·00 | 0·02 | 0·12 | 0·16 | 0·02 | 0·42 | 1·42 | 1·03 | 0·52 |
| Registered Sunshine (in hours) | 35·6 | 61·0 | 45·1 | 60·7 | 59·7 | 56·8 | 33·8 | 42·4 | 18·3 | 12·5 | 10·9 | 22·2 | 28·7 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox - - - - - | 1 | 2 | 2 | 2 | 3 | 2 | 1 | - | - | - | - | - | - |
| Scarlet Fever - - - - | 2293 | 2241 | 2173 | 2240 | 2300 | 2319 | 2353 | 2459 | 2606 | 2728 | 2915 | 3032 | 3092 |
| Diphtheria - - - - | 953 | 937 | 903 | 869 | 893 | 916 | 964 | 1027 | 1052 | 1125 | 1169 | 1186 | 1241 |
| Enteric Fever - - - - | 106 | 106 | 115 | 118 | 119 | 127 | 128 | 155 | 176 | 191 | 214 | 223 | 230 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton: A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and J. Boobbyer Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst.C.E., Bradford: and Mr. E. Peak, Hull.

BLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-FOURTH Week of the Year 1898.

| SES OF DEATH | Corrected Averages for the 44th Week of the 10 years 1888–97*. | In the Week ending Saturday, 5th November 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0–1 | 1–5. | 5–20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| USES - - - | 1666·2 | 1394 | 357 | 155 | 73 | 198 | 276 | 258 | 77 |
| Vaccinated† - | 0·1 | - | - | - | - | - | - | - | - |
| Unvaccinated | 0·2 | - | - | - | - | - | - | - | - |
| No Statement | 0·1 | - | - | - | - | - | - | - | - |
| - - - - | 50·2 | 23 | 4 | 19 | - | - | - | - | - |
| Fever - - - | 22·7 | 13 | 2 | 8 | 3 | - | - | - | - |
| - - - - | 0·1 | 1 | - | - | - | 1 | - | - | - |
| - - - - | - | - | - | - | - | - | - | - | - |
| ng Fever - - | 5·5 | 12 | 1 | - | - | 3 | 5 | 2 | 1 |
| za - - - - | 20·6 | 10 | 3 | 6 | 1 | - | - | - | - |
| ing-cough - - | 52·4 | 28 | - | 17 | 11 | - | - | - | - |
| eria - - | 0·5 | - | - | - | - | - | - | - | - |
| Continued and fined Fever - | 20·3 | 29 | - | - | 5 | 18 | 6 | - | - |
| Fever - - - | - | - | - | - | - | - | - | - | - |
| a and Chol. Diarr. | 28·6 | 34 | 24 | 6 | - | - | 1 | 1 | 2 |
| œa, Dysentery - | - | - | - | - | - | - | - | - | - |
| ent Fever - - | - | - | - | - | - | - | - | - | - |
| phobia - - - | - | - | - | - | - | - | - | - | - |
| rs - - - - | 0·5 | - | - | - | - | - | - | - | - |
| x and Effects of nation - - | 10·7 | 7 | 5 | - | - | 2 | - | - | - |
| al Affections - - | 7·4 | 4 | 1 | - | - | - | 1 | 2 | - |
| elas - - - | 2·7 | 2 | 1 | - | - | 1 | - | - | - |
| a and Septicæmia | 8·5 | 5 | - | - | - | 4 | 1 | - | - |
| ral Fever - - | 1·1 | 1 | - | - | - | 1 | - | - | - |
| Zymotic Diseases | | | | | | | | | |
| n - - - - | 1·1 | - | - | - | - | - | - | - | - |
| s and other Parasitical Diseases - | 0·3 | - | - | - | - | - | - | - | - |
| tion, Want of st-milk - - | 1·4 | 1 | 1 | - | - | - | - | - | - |
| olism - - - | 9·2 | 15 | - | - | - | 7 | 8 | - | - |
| matic Fever, umatism of Heart | 10·5 | 9 | - | - | 5 | 2 | 1 | 1 | - |
| matism - - - | 1·9 | - | - | - | - | - | - | - | - |
| - - - - - | 3·2 | 1 | - | - | - | - | - | - | 1 |
| ts - - - - | 4·7 | 2 | 1 | 1 | - | - | - | - | - |
| r - - - - | 74·0 | 71 | - | 1 | - | 5 | 31 | 29 | 5 |
| Mesenterica - - | 22·4 | 16 | 7 | 6 | 2 | 1 | - | - | - |
| rcular Meningitis - | 19·4 | 14 | 3 | 6 | 4 | 1 | - | - | - |
| sis - - - - | 167·2 | 135 | 4 | 3 | 14 | 58 | 48 | 8 | - |
| ula, Tuberculosis - | 17·9 | 18 | 4 | 7 | 4 | 2 | 1 | - | - |
| Constitutional eases - - | 14·4 | 7 | 1 | - | - | 1 | 2 | 2 | 1 |
| ature Birth - - | 44·7 | 69 | 69 | - | - | - | - | - | - |
| ctasis - - - | 3·8 | 2 | 2 | - | - | - | - | - | - |
| enital Malformations - - - - | 7·8 | 6 | 6 | - | - | - | - | - | - |
| ge - - - - | 45·1 | 48 | - | - | - | - | - | 18 | 30 |
| lexy - - - | 46·2 | 43 | - | - | - | 1 | 15 | 25 | 2 |
| psy - - - - | 7·5 | 8 | - | - | 1 | 3 | 2 | 2 | - |
| ulsions - - - | 42·2 | 28 | 25 | 3 | - | - | - | - | - |
| r Diseases of Brain l Nervous System | 77·2 | 71 | 7 | 6 | 1 | 9 | 20 | 24 | 4 |
| ses of Organs of ecial Sense - | 3·9 | 6 | - | 1 | 3 | 2 | - | - | - |

| CAUSES OF DEATH | Corrected Averages for the 44th Week of the 10 years 1888–97*. | In the Week ending Saturday, 5th November 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0–1. | 1–5. | 5–20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 142·4 | 130 | 1 | 2 | 3 | 13 | 51 | 49 | 11 |
| Croup - - - - | 6·9 | - | - | - | - | - | - | - | - |
| Bronchitis - - - | 217·0 | 116 | 41 | 15 | 2 | 3 | 11 | 35 | 9 |
| Pneumonia - - - | 126·0 | 98 | 37 | 28 | 2 | 16 | 9 | 5 | 1 |
| Pleurisy - - - - | 5·4 | 7 | 2 | - | - | 2 | 2 | 1 | - |
| Other Diseases of Respiratory System - | 29·1 | 16 | 5 | 1 | 1 | 1 | 3 | 4 | 1 |
| Dentition - - - - | 6·0 | - | - | - | - | - | - | - | - |
| Quinsy, Sore Throat - | 1·9 | 2 | - | 1 | - | 1 | - | - | - |
| Enteritis - - - - | 15·0 | 46 | 28 | 6 | 3 | 5 | 2 | 1 | 1 |
| Peritonitis - - - | 6·7 | 7 | 2 | - | 1 | 2 | - | 2 | - |
| Diseases of Liver - - | 23·3 | 21 | 3 | - | - | 2 | 9 | 7 | - |
| Other Diseases of Digestive System | 30·3 | 37 | 9 | 3 | 2 | 4 | 8 | 7 | 4 |
| Diseases of Lymphatic System & of Ductless Glands - - - | 2·1 | 2 | - | - | - | - | 1 | 1 | - |
| Diseases of Urinary System - - - | 45·7 | 59 | 1 | 1 | 3 | 9 | 25 | 18 | 2 |
| Diseases of Generative System - - - | 5·9 | 8 | 1 | 1 | - | 3 | 3 | - | - |
| Accidents of Childbirth - | 4·3 | 2 | - | - | - | 2 | - | - | - |
| Diseases of Locomotive System - - - | 5·5 | 1 | - | - | - | 1 | - | - | - |
| Diseases of Integumentary System - - | 7·8 | 7 | 2 | 1 | - | - | - | 3 | 1 |
| VIOLENT DEATHS.‡ (ACCIDENT.) | | | | | | | | | |
| By Railways - - - | 57·0 | 1 | - | - | - | 1 | - | - | - |
| By Vehicles or Horses - | | 6 | - | 1 | 1 | 1 | 1 | 2 | - |
| In Ships, Boats, Docks, (exclusive of Drowning) - - - | | - | - | - | - | - | - | - | - |
| In Building Operations - | | 1 | - | - | - | - | 1 | - | - |
| In Conflagrations - | | - | - | - | - | - | - | - | - |
| By Burns, Scalds, Explosions - - | | - | - | - | - | - | - | - | - |
| By Drowning - - - | | 1 | - | - | - | - | 1 | - | - |
| By Suffocation in Bed - | | 11 | 11 | - | - | - | - | - | - |
| By Poisons or Poisonous Vapours - - | | 3 | - | 1 | - | 1 | 1 | - | - |
| Other or not stated causes - - - - | | 19 | 3 | 1 | 1 | 5 | 2 | 7 | - |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - | 1·8 | - | - | - | - | - | - | - | - |
| Suicide - - - - | 8·4 | 8 | - | - | - | 4 | 4 | - | - |
| Execution - - - | - | - | - | - | - | - | - | - | - |
| OTHER CAUSES - | 59·5 | 46 | 40 | 3 | - | - | - | 2 | 1 |

The numbers in this column are the average weekly deaths for the ten years 1888–97, raised by 5·230 per cent. for increase population.

Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

‡ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder manslaughter or suicide. All such cases are classed under "accident."

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEA SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in SUB-DISTRICT during the Week ending Saturday, 5th November, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2530 | 1394 | 357 | 335 | - | 23 | 13 | 28 | 10 | 1 | 29 | - | 34 | 50 | 114 |
| WEST DISTRICTS - - - | 778,251 | 383 | 235 | 57 | 66 | - | 1 | 1 | 6 | 1 | - | 5 | - | 7 | 10 | 19 |
| NORTH DISTRICTS - - - | 1,040,694 | 538 | 312 | 73 | 79 | - | 5 | 2 | 5 | 3 | 1 | 7 | - | 7 | 12 | 23 |
| CENTRAL DISTRICTS - - - | 233,635 | 143 | 78 | 19 | 15 | - | 2 | - | 1 | 1 | - | 3 | - | 1 | 5 | 10 |
| EAST DISTRICTS - - - | 716,334 | 530 | 265 | 83 | 54 | - | 10 | 2 | 4 | - | - | 5 | - | 11 | 10 | 30 |
| SOUTH DISTRICTS - - - | 1,642,796 | 936 | 478 | 125 | 113 | - | 5 | 7 | 12 | 5 | - | 9 | - | 8 | 13 | 32 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | — | - | 36 | - | 8 | - | - | 1 | - | - | - | - | - | - | - | - |
| **WEST DISTRICTS.** | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 48 | 23 | 3 | 7 | - | - | - | 1 | - | - | 1 | - | - | - | - |
| St. John Paddington *H* - - G. | 33,510 | 5 | 9 | 1 | 5 | - | - | - | - | - | - | - | - | - | 1 | 2 |
| Kensington Town *Ww* - - W. | 122,164 | 81 | 41 | 11 | 17 | - | 1 | - | - | 1 | - | - | - | 3 | 2 | 2 |
| Brompton *HH*- - - W. & C. | 48,301 | 15 | 11 | 2 | 6 | - | - | - | - | - | - | - | - | - | 1 | 2 |
| St. Peter Hammersmith - - W. | 9,097 | 5 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| St. Paul Hammersmith *HH* W. & G. | 25,102 | 59 | 23 | 7 | 3 | - | - | - | - | - | - | - | - | - | 1 | 1 |
| Fulham *Ww* - - - W. & C. | 113,781 | 79 | 46 | 15 | 7 | - | - | 1 | 5 | - | - | 1 | - | 1 | - | 3 |
| Chelsea Kensal Town - C. | 21,450 | 11 | 4 | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| Chelsea North *WHHHHH* - C. | 42,057 | 13 | 15 | 4 | 6 | - | - | - | - | - | - | - | - | 2 | - | 1 |
| Chelsea South *HH* - - C. | 33,139 | 15 | 11 | 2 | 3 | - | - | - | - | - | - | - | - | - | - | - |
| May Fair *W* - - - - G. | 23,827 | 6 | 11 | 1 | 5 | - | - | - | - | - | - | - | - | - | 1 | 1 |
| Belgrave *WHHH* - - - C. | 56,140 | 25 | 21 | 7 | 4 | - | - | - | - | - | - | - | - | 1 | 1 | 4 |
| St. John Westminster *HH* - C. | 31,492 | 13 | 5 | 1 | - | - | - | - | - | - | - | 2 | - | - | 1 | 1 |
| St. Margaret Westminster *H*- C. | 22,097 | 5 | 7 | - | - | - | - | - | - | - | - | 1 | - | - | 1 | 1 |
| St. James Westminster *WHH* N. & G. | 23,050 | 5 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 3 | 4 | 1 | 1 | - | - | - | - | - | - | - | - | - | 1 | 1 |
| **NORTH DISTRICTS.** | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - - W. | 36,595 | 12 | 13 | 1 | 4 | - | - | - | - | - | - | - | - | - | 1 | 1 |
| Rectory Marylebone *W* G. & W. | 19,798 | 8 | 4 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 21 | 5 | - | 2 | - | - | - | - | - | - | - | - | - | - | 2 |
| Christchurch Marylebone *H* - W | 32,547 | 13 | 9 | 4 | 2 | - | - | - | - | - | - | - | - | - | 1 | 1 |
| St. John Marylebone *HHH* W. | 32,611 | 21 | 5 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 19 | 30 | 4 | 7 | - | - | 2 | 1 | - | - | 4 | - | 1 | 2 | 2 |
| Regent's Park Pancras *HH* - W. | 37,341 | 22 | 6 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - |
| Tottenham-court *wHHHH* - N. & W. | 26,757 | 13 | 9 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 13 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| Somers Town *HH* - - - N. | 32,161 | 11 | 14 | 2 | 2 | - | - | - | - | - | - | 1 | - | - | - | 2 |
| Camden Town *WH* - - N. | 16,669 | 12 | 13 | 4 | 7 | - | - | - | - | - | - | - | - | - | 1 | 1 |
| Kentish Town *WW* - - N. | 98,410 | 61 | 26 | 9 | 4 | - | - | - | 2 | - | - | - | - | 3 | 1 | 1 |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 41 | 57 | 11 | 18 | - | 3 | - | - | 1 | - | - | - | - | - | 2 |
| Islington South-west H - N. | 107,365 | 49 | 20 | 5 | 5 | - | - | - | - | 1 | - | - | - | - | - | 2 |
| Islington South-east - - N. | 66,549 | 41 | 18 | 6 | 3 | - | - | - | - | - | - | 1 | - | 1 | 1 | - |
| Highbury *HH* - - - N. | 64,577 | 25 | 8 | 2 | 3 | - | - | - | - | - | - | - | - | - | 1 | 1 |
| Stoke Newington *H* - - N. | 33,485 | 14 | 5 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| North Hackney - - E. & N. | 213,044 | 21 | 8 | 4 | 2 | - | - | - | - | 1 | - | - | - | 1 | - | 1 |
| Central Hackney *ww* - E. & N. | | 34 | 9 | 2 | 1 | - | - | - | 2 | - | - | - | - | - | 2 | 2 |
| South-west Hackney *HHH* E. & N. | | 56 | 24 | 7 | 7 | - | - | - | - | - | 1 | 1 | - | - | 1 | 1 |
| South-east Hackney *WwH* E. & N. | | 31 | 27 | 2 | 6 | - | 2 | - | - | - | - | - | - | 1 | 1 | 4 |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated th namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Jun Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River E London; and K. the Kent Company.

See note † on first page of this Return.

LE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday, 5th November, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population. 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CENTRAL DISTRICTS. | | | | | | | | | | | | | | | | | | |
| George Bloomsbury - - N. | 16,110 | 6 | 3 | 1 | 1 | - | - | - | - | - | - | 1 | - | - | - | - | - | - |
| Giles South *WH* - - N. | 12,976 | 9 | 3 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Giles North *H* - - - N. | 9,151 | 4 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Martin-in-the-Fields *HH* N. & C. | 13,077 | - | 5 | 1 | - | - | - | - | - | - | - | 1 | - | - | 1 | 2 | 2 | - |
| nd *WHH* - - - - N. | 11,839 | 7 | 3 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | 2 | - |
| nd Union Workhouse, Edmonton | †1,037 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| born *wHHHHHHH* - N. | 31,042 | 7 | 14 | 4 | 1 | - | - | - | - | 1 | - | - | - | 1 | - | 1 | 6 | - |
| James Clerkenwell - - N. | 15,777 | 10 | 5 | 1 | 2 | - | 2 | - | - | - | - | - | - | - | - | - | - | - |
| well Clerkenwell - - N. | 34,356 | 24 | 8 | 4 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| well-street - - - - N. | 16,069 | 10 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| -road *HHHL* - - - N. | 29,897 | 42 | 8 | 3 | 1 | - | - | - | - | - | - | 1 | - | - | - | 1 | 2 | - |
| tecross-street - - - N. | 7,595 | 3 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| sbury - - - - - N. | 4,035 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| born Union Workhouse, Hitcham - - - - | †892 | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Botolph *H* - - N. & E. | 6,870 | 10 | 5 | 3 | 1 | - | - | - | - | - | - | - | - | - | 1 | 2 | - | - |
| plegate - - - - N. | 3,299 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Sepulchre *WH* - - - N. | 9,591 | 3 | 15 | - | 2 | - | - | - | 1 | - | - | - | - | - | 3 | 4 | 15 | - |
| hallows Barking - - - N. | 9,059 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ad Street *H* - - - N. | 2,892 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| of London Asylum, Stone - - | †388 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| EAST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| reditch South *Hl* - E. & N. | 17,975 | 11 | 5 | - | 4 | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - |
| kton New Town *w* - - N. | 29,575 | 18 | 9 | 2 | 3 | - | - | - | - | - | - | - | - | 1 | - | 2 | 4 | - |
| kton Old Town - - - N. | 27,645 | 20 | 9 | 2 | 2 | - | - | - | - | - | - | - | - | 1 | - | - | - | - |
| ggerston *WH* - - N. & E. | 47,163 | 38 | 23 | 8 | 6 | - | - | - | - | - | - | - | - | 1 | 1 | 2 | 14 | - |
| hnal Green North *H* - E. | 49,301 | 43 | 14 | 6 | 1 | - | 1 | - | - | - | - | - | - | - | 2 | 2 | - | - |
| hnal Green South - - E. | 34,194 | 24 | 11 | 4 | 2 | - | 1 | 1 | - | - | - | - | - | - | - | 1 | - | - |
| hnal Green East *WHl* - E. | 45,667 | 39 | 18 | 9 | 2 | - | 2 | - | 2 | - | - | - | - | 1 | - | - | 2 | - |
| alfields - - - E. & N. | 26,681 | 11 | 7 | 4 | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - |
| e End New Town *W* - E. | 12,816 | 5 | 8 | 1 | 1 | - | 3 | - | - | - | - | - | - | - | - | - | 4 | - |
| itechapel Church *H* - E. & N. | 25,561 | 17 | 23 | 7 | 1 | - | 1 | - | 2 | - | - | 3 | - | - | - | 2 | 18 | - |
| dman's Fields - - - E. | 13,618 | 7 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| George's North - - - E. | 39,576 | 35 | 9 | 4 | 1 | - | - | - | - | - | - | - | - | - | - | 3 | - | - |
| John, St. George East *W* E. | 7,930 | 4 | 4 | 1 | 1 | - | - | - | - | - | - | - | - | - | 1 | 1 | 3 | - |
| dwell *H* - - - E. & N. | 10,434 | 7 | 4 | 3 | - | - | - | - | - | - | - | - | - | 1 | - | 1 | 3 | - |
| cliff *W* - - - - E. | 14,954 | 9 | 3 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| nehouse - - - - E. | 32,917 | 23 | 9 | 3 | 1 | - | - | - | - | - | - | 1 | - | - | - | 2 | - | - |
| e End Old Town West *H* E. | 111,000 | 61 | 16 | 9 | 1 | - | 1 | 1 | - | - | - | - | - | - | 2 | 3 | - | - |
| e End Old Town East *Www* - E. | | 44 | 18 | 5 | 4 | - | 1 | - | - | - | - | - | - | 1 | - | 2 | 6 | - |
| w *l* - - - - E. | 41,687 | 28 | 9 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| mley *wwwH* - - - E. | 69,821 | 46 | 32 | 6 | 13 | - | - | - | - | - | - | - | - | 2 | 2 | 4 | 18 | - |
| lar *WW* - - - - E. | 57,759 | 40 | 22 | 7 | 6 | - | - | - | - | - | - | 1 | - | 2 | 2 | 3 | 2 | - |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX MEASL SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in ea SUB-DISTRICT during the Week ending Saturday, 5th November, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WH* L.&S. | 13,064 | 7 | 6 | 2 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | 1 |
| St. Saviour Southwark - - S. | 12,301 | 10 | 4 | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - |
| Kent-road - - - - S. & L. | 22,879 | 9 | 6 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| Borough-road *WH* - S. & L | 16,083 | 10 | 7 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | - | 2 |
| London-road *HL* - - L. & S. | 21,316 | 11 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 |
| Trinity Newington - - S. & L. | 28,723 | 20 | 4 | 1 | 1 | - | - | - | - | - | - | - | - | - | 1 | 1 | - |
| St. Peter Walworth *W* - S. & L. | 62,045 | 52 | 19 | 4 | 4 | - | 1 | - | 1 | 1 | - | - | - | 1 | - | - | 4 |
| St. Mary Newington- - L. & S. | 30,171 | 18 | 11 | 6 | 1 | - | - | - | - | - | - | - | - | 1 | 1 | 2 | - |
| St. Olave *WH*- - - - S. | 11,731 | 5 | 17 | 3 | 2 | - | - | - | 2 | - | - | - | - | - | - | - | 16 |
| Bermondsey* *W* - - - S. | 85,475 | 52 | 23 | 7 | 2 | - | - | - | - | 1 | - | - | - | - | - | 1 | 1 |
| Rotherhithe *WwH* - S. & K. | 40,379 | 25 | 19 | 4 | 9 | - | - | - | - | - | - | - | - | - | 1 | 1 | 8 |
| Waterloo-road *HH* - L. & S. | 28,396 | 28 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 10 | 16 | 2 | 4 | - | - | - | 1 | - | - | 1 | - | - | 1 | 3 | 11 |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 38 | 19 | 5 | 6 | - | - | - | - | - | - | - | - | - | 1 | 3 | 13 |
| Kennington 1st *H* - - S. & L. | 52,486 | 31 | 13 | 6 | 4 | - | - | - | - | - | - | - | - | 2 | - | 1 | - |
| Kennington 2nd - - S. & L. | 43,244 | 14 | 13 | 3 | 6 | - | - | - | - | - | - | - | - | - | 1 | 2 | - |
| Brixton *w* - - - L. & S. | 81,825 | 30 | 20 | 7 | 3 | - | - | 2 | - | 1 | - | 1 | - | - | 1 | 2 | 3 |
| Norwood *WH*- - - - L. | 29,318 | 6 | 8 | 2 | 2 | - | - | - | - | 1 | - | - | - | - | - | - | - |
| East Battersea - - - - S. | 71,730 | 50 | 17 | 3 | 4 | - | - | - | - | - | - | 1 | - | - | - | - | - |
| West Battersea *WwH* - - S | 93,385 | 38 | 26 | 8 | 6 | - | - | - | - | - | - | - | - | - | - | 1 | 9 |
| Clapham *H* - - - - S. | 46,953 | 14 | 10 | 2 | 3 | - | - | - | - | 1 | - | - | - | 2 | - | - | - |
| Wandsworth *WHHL* - - S. | 58,101 | 41 | 10 | 4 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| Putney - - - - - S. | 20,566 | 11 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Streatham *WwwwL* - - L. | 61,644 | 27 | 15 | 5 | 6 | - | - | 1 | - | - | - | - | - | - | - | - | 3 |
| Dulwich - - - - L. & S. | 7,519 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Camberwell *Wwll* - S. & L. | 90,286 | 49 | 31 | 6 | 11 | - | - | - | - | - | - | - | - | - | 1 | 2 | 20 |
| Peckham *WW* - S., L., & K | 88,242 | 43 | 17 | 5 | 2 | - | - | - | 1 | - | - | - | - | 1 | 1 | 2 | 1 |
| St. George Camberwell - L. & S. | 67,029 | 49 | 11 | 5 | 2 | - | - | - | - | - | - | - | - | 1 | - | 1 | - |
| Deptford North - - - K. | 36,152 | 24 | 8 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| Deptford Central *w* - - K. | 45,441 | 31 | 25 | 9 | 2 | - | - | 2 | 4 | - | - | 2 | - | - | 1 | 4 | 9 |
| Deptford South - - - K. | 33,402 | 17 | 11 | 2 | 3 | - | - | - | 1 | - | - | - | - | - | - | - | - |
| Greenwich West *H* - - K. | 23,012 | 12 | 5 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| Greenwich East *WH* - - K. | 37 767 | 32 | 23 | 5 | 4 | - | - | - | - | - | - | 1 | - | - | - | - | 12 |
| Eltham *wH* - - - - K. | 5,911 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Lee *H* - - - - - K. | 24,222 | 8 | 8 | 1 | 3 | - | - | - | - | - | - | - | - | - | - | - | - |
| Lewisham *WwH* - - - K. | 38,139 | 15 | 19 | 2 | 4 | - | - | 1 | 1 | - | - | 2 | - | - | - | - | 9 |
| Sydenham *H* - - - - L. | 37,601 | 25 | 6 | 1 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - |
| Charlton *wHH* - - K. | 15,928 | 7 | 7 | 1 | - | - | - | 1 | 1 | - | - | 1 | - | - | 1 | 2 | - |
| Woolwich Dockyard - - K. | 19,355 | 14 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 16 | 9 | 3 | 3 | - | - | - | - | - | - | - | - | - | 2 | 3 | - |
| Plumstead West *H* - - K. | 16,714 | 11 | 3 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| Plumstead East *WH* - - K. | 42,538 | 23 | 6 | 2 | 4 | - | - | - | - | - | - | - | - | - | - | - | - |
| Banstead Asylum - - - - | — | - | 3 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| Caterham Asylum - - - - | — | - | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Cane Hill Asylum - - - - | — | - | 8 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| Hospital Ships and Camp, Dartford | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Darenth Asylum - - - - | — | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| London County Asylum, Dartford Heath - - - - - | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Hanwell Asylum - - - - | — | - | 8 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| Colney Hatch Asylum - - - | — | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| N.E. Hospital - - - - - | — | - | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - |
| Winchmore Hill Hospital - - | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Leavesden Asylum - - - - | — | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| Claybury Asylum - - - - | — | - | 8 | - | 3 | - | - | - | - | - | - | - | - | - | - | - | - |

* The two Sub-Districts of Leather Market and St. James Bermondsey were united on 1st September, and call Bermondsey.

LE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 5th November, 1898.

| Sub-Division | REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years & upwds. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Unverified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LONDON—OUTER RING - | 368,749 | 1,422,063 | 1010 | 431 | 131 | 112 | - | 1 | 4 | 17 | 10 | 10 | 15 | 19 | 36 | 44 | 3 |
| 1 | Carshalton *wHH* - - | 12,228 | 26,108 | 17 | 3 | 1 | 1 | - | - | - | - | - | - | 1 | - | 2 | - | - |
| 2 | Epsom, *part of** *WwHH* - | 10,423 | 12,508 | 5 | 4 | 1 | 2 | - | - | - | - | - | - | - | - | 1 | 1 | - |
| 1 | Godstone, *part of** *W* - | 2,754 | 1,598 | 2 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 1 | Croydon *WwHHH* - - | 20,851 | 128,699 | 60 | 25 | 4 | 13 | - | - | - | - | - | - | - | 2 | 2 | 4 | - |
| 2 | Mitcham *w* - - - | 11,697 | 23,072 | 8 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | Wimbledon *HHH* - - | 3,220 | 25,777 | 10 | 10 | 4 | 4 | - | - | - | - | - | - | 1 | 1 | 1 | - | - |
| 2 | Kingston *W* - - - | 14,672 | 33,566 | 20 | 8 | 1 | 2 | - | - | - | 1 | - | - | - | 1 | 1 | 3 | - |
| 3 | Surbiton *H*- - - - | | 12,178 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4 | Esher, *part of** *HH* - - | | 11,080 | 4 | 7 | 1 | - | - | - | - | - | 1 | - | - | 3 | 3 | - | - |
| 5 | Hampton *HL* - - - | 4,565 | 18,252 | 6 | 6 | 3 | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | Richmond *WH*- - - | 2,160 | 25,389 | 6 | 11 | 2 | 2 | - | - | - | - | - | 1 | - | - | - | 3 | - |
| 2 | Mortlake *H* - - - | 2,823 | 16,159 | 6 | 6 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 1 | Bromley *HHH* - - - | 9,127 | 23,815 | 8 | 5 | - | 2 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Beckenham *H* - - - | 6,542 | 21,969 | 8 | 9 | 3 | 3 | - | - | - | - | - | - | - | 1 | 1 | - | - |
| 3 | Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 13 | 7 | - | 4 | - | - | - | 1 | - | - | - | - | - | 4 | - |
| 1 | Bexley *HHH* - - - | 12,540 | 30,590 | 32 | 13 | 3 | 4 | - | - | - | 2 | - | - | - | - | - | - | - |
| 2 | Dartford *WH, part of** - | — | — | - | 2 | - | 1 | - | - | - | - | - | 1 | 1 | 1 | - | 2 | - |
| 1 | Sunbury *w* - - - | 11,054 | 13,671 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Staines *WH* - - - | 13,277 | 13,221 | 5 | 4 | 2 | 1 | - | - | - | - | 1 | - | - | - | - | 1 | - |
| 1 | Hillingdon *WHH* - - | 6,035 | 12,237 | 11 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | - |
| 2 | Uxbridge - - - - | 12,757 | 7,253 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Hayes *wH* - - - - | 7,952 | 11,051 | 6 | 3 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 1 | Isleworth *WHH* - - | 6,967 | 26,004 | 17 | 11 | 4 | 4 | - | - | - | - | - | - | 1 | 1 | 1 | 1 | - |
| 2 | Twickenham *HH* - - | 2,415 | 16,027 | 7 | 3 | - | 2 | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Brentford *HHHH* - - | 4,318 | 37,777 | 18 | 6 | 1 | 1 | - | - | - | - | - | - | - | 1 | 1 | - | - |
| 4 | Chiswick - - - - | 1,245 | 21,963 | 16 | 12 | 5 | 1 | - | - | - | 1 | 1 | - | 1 | - | 1 | - | - |
| 5 | Acton *wHH* - - - | 6,132 | 30,945 | 22 | 10 | 5 | 2 | - | - | - | - | - | - | - | 1 | 1 | - | - |
| 1 | Harrow *HHH* - - - | 13,809 | 15,715 | 13 | 6 | 2 | 1 | - | - | - | - | 1 | - | - | - | 1 | - | - |
| 2 | Edgware *HH* - - - | 6,994 | 3,844 | 6 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Willesden *HHH* - - | 4,383 | 61,265 | 62 | 15 | 6 | 2 | - | - | - | - | - | 1 | - | 2 | 3 | 1 | 1 |
| 4 | Hendon *WH* - - - | 8,382 | 15,843 | 7 | 5 | 1 | 1 | - | - | - | 1 | 1 | - | - | - | - | 2 | - |
| 1 | South Mimms *HH* - - | 21,077 | 6,367 | 3 | 3 | - | - | - | - | - | - | - | - | - | - | 2 | - | - |
| 2 | Barnet *WHH* - - - | | 14,152 | 8 | 3 | 1 | 2 | - | - | - | - | - | - | 1 | - | - | 1 | - |
| 3 | Finchley *HHH*- - - | 4,688 | 25,820 | 11 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 1 | Hornsey *HH* - - - | 3,039 | 61,097 | 29 | 10 | 3 | 2 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Tottenham *HH*- - - | 4,642 | 97,174 | 70 | 27 | 7 | 9 | - | - | - | 1 | 1 | 1 | 2 | 1 | 3 | 1 | - |
| 3 | Edmonton *Www* - - | 7,489 | 36,351 | 24 | 16 | 3 | 6 | - | - | - | - | 2 | - | - | - | - | 3 | - |
| 4 | Enfield *WWHH* - - | 12,602 | 31,536 | 29 | 8 | 5 | 1 | - | - | - | - | - | - | - | - | 1 | 1 | - |
| 5 | Waltham Abbey - - - | 11,017 | 6,066 | 5 | 2 | - | 6 | - | - | - | - | - | - | - | - | - | - | - |
| 6 | Cheshunt *H* - - - | 8,480 | 9,620 | 12 | 3 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 5 1 | Hatfield, *part of** *W* - - | 3,306 | 582 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 7 1 | Bushey *H* - - - - | 9,331 | 7,737 | 4 | 5 | 3 | - | - | - | - | - | - | - | 1 | - | - | - | - |
| 2 | Watford *WH, part of** - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 1 | Stratford *H* - - - | 4,706 | 38,612 | 40 | 11 | 5 | - | - | - | - | - | - | 1 | 1 | 1 | 2 | - | - |
| 2 | Plaistow *WHHH* - - | | 58,030 | 50 | 23 | 8 | 4 | - | 1 | 1 | 3 | - | 1 | - | - | 1 | 1 | 2 |
| 3 | Canning Town *H* - - | | 54,750 | 66 | 29 | 10 | 2 | - | - | 1 | 2 | - | 3 | 1 | 2 | 2 | 1 | - |
| 4 | Forest Gate *w* - - - | | 53,511 | 35 | 11 | 2 | 1 | - | - | 1 | 3 | - | - | - | - | 1 | - | - |
| 5 | East Ham *wH* - - - | 3,266 | 32,713 | 59 | 20 | 5 | 5 | - | - | 1 | 1 | 1 | 1 | 1 | 1 | 4 | - | - |
| 6 | Leyton *WWWwH* - - | 4,334 | 70,188 | 53 | 28 | 12 | 7 | - | - | - | - | - | - | 2 | - | - | 9 | - |
| 7 | Walthamstow *HHL*- - | 6,501 | 57,330 | 56 | 16 | 7 | 4 | - | - | - | - | 1 | - | - | - | 1 | 1 | - |
| 7 1 | Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 11 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Epping *WH, part of** - - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 9 1 | Romford, *part of** *WH* - | 6,556 | 4,324 | 11 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Ilford - - - - - | 8,493 | 10,913 | 15 | 6 | 3 | - | - | - | - | - | - | - | - | 1 | - | - | - |
| 3 | Barking Town, *H* - - | 3,814 | 14,301 | 12 | 4 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| | Homerton Fever Hosp. - | — | — | - | 1 | - | - | - | - | - | 1 | - | - | - | - | - | 1 | - |
| | London Co. Lunatic Asy., Cane Hill. | — | — | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | - |
| | London Co. Lunatic Asy., Colney Hatch. | — | — | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | - |

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30 : 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37 : 1, the parishes of Warlingham and Farley in Godstone sub-district; 39 : 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41 : 3, Chislehurst sub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135 : 1, the parish of Northaw in Hatfield sub-district; 187 : 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (pop. 1,079); 189 : 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for Infectious Diseases belonging to the Outer Ring in 42 : 2, Dartford; 137 : 2, Watford; and 187 : 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 5th November, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | ANNUAL RATE of MORTALITY per 1000 living. From All Causes. | From Diseases in Cols. 8-14. | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. |
| GREATER LONDON | **443,421** | **6,408,321** | **14·8** | **1·6** | **1825** | **488** | **447** | – | **24** | **17** | **45** | **20** | **40** | **49** | **69** |
| INNER LONDON - | 74,672 | 4,504,766 | 16·1 | 1·6 | 1394 | 357 | 335 | – | 23 | 13 | 28 | 10 | 30 | 34 | 50 |
| OUTER RING - | 368,749 | 1,903,555 | 11·8 | 1·6 | 431 | 131 | 112 | – | 1 | 4 | 17 | 10 | 10 | 15 | 19 |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalen the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

| CITIES | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. (Exclusive of Stillborn) | DEATHS. (Exclusive of Stillborn) | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM PRINCIPAL ZYMO DISEASES. Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 295,628 | November 5 | 140 | 107 | 18·9 | – | 2 | 2 | 1 | 1 | 2 |
| GLASGOW - - | 724,349 | „ 5 | 410 | 250 | 18·0 | – | 2 | 3 | 5 | 4 | 11 |
| DUBLIN - - | 349,594 | „ 5 | 202 | 166 | 24·8 | – | 1 | 2 | 3 | 3 | 3 |
| CALCUTTA - - | 466,460 | October 1 | – | 218 | 24·3 | – | – | – | – | – | 55 |
| BOMBAY - - | 821,764 | „ 18 | 221 | 796 | 50·4 | 1 | 2 | ? | ? | ? | 234† |
| MADRAS - - | 452,518 | „ 7 | 465 | 407 | 46·7 | – | 4 | ? | ? | ? | 63 |
| PARIS - - - | 2,511,629 | „ 29 | 912 | 801 | 16·5 | – | 2 | 2 | 4* | 5 | 6 |
| BRUSSELS - - | 551,011 | „ 29 | 246 | 167 | 15·8 | – | 1 | – | – | – | 1 |
| AMSTERDAM - | 508,266 | „ 22 | 304 | 159 | 16·3 | – | 5 | – | – | 5 | 3 |
| ROTTERDAM - | 303,878 | „ 22 | 231 | 89 | 15·1 | – | – | – | – | 2 | 1 |
| THE HAGUE - | 196,325 | „ 22 | 122 | 78 | 20·7 | – | – | – | – | – | 1 |
| COPENHAGEN - | 345,000 | „ 29 | 181 | 130 | 19·7 | – | – | 1 | – | 6 | – |
| STOCKHOLM - | 283,550 | „ 22 | 134 | 99 | 18·2 | – | – | – | 5* | 3 | – |
| CHRISTIANIA - | 2[illegible]3,337 | „ 29 | – | 65 | 16·6 | – | 1 | – | – | 1 | – |
| ST. PETERSBURG | 1,132,677 | „ 22 | 562 | 484 | 22·3 | 2 | 8 | 13 | 22 | 8 | 22 |
| MOSCOW - - | 988,610 | „ 22 | – | 491 | 25·9 | 3 | 3 | 7 | 6 | 5 | 7 |
| BERLIN - - | 1,773,003 | „ 15 | 809 | 598 | 17·5 | – | 1 | 14 | 11 | 12 | 3 |
| HAMBURG - - | 661,015 | „ 29 | – | 193 | 15·2 | – | – | 1 | 1* | 4 | – |
| DRESDEN - - | 385,300 | „ 15 | – | – | – | – | – | – | – | – | – |
| BRESLAU - - | 392,795 | „ 29 | – | 178 | 23·6 | – | – | 4 | 2 | 3 | 1 |
| MUNICH - - | 430,000 | „ 29 | – | 207 | 25·0 | – | – | 3 | 1* | 4 | – |
| VIENNA - - | 1,590,295 | „ 29 | 771 | 531 | 17·2 | – | 9 | 3 | 9* | 2 | 2 |
| PRAGUE - - | 382,029 | „ 29 | 170 | 175 | 23·8 | – | 2 | 9 | 7 | – | 2 |
| BUDA-PESTH - | 648,104 | „ 22 | 432 | 245 | 19·7 | – | 10 | 8 | 3 | – | 1 |
| TRIESTE - - | 165,177 | „ 22 | 94 | 67 | 21·0 | – | 1 | 3 | 3* | – | 4 |
| ROME - - - | 499,861 | „ 8 | 244 | 141 | 14·7 | 1 | – | – | – | 1 | 18§ |
| TURIN (10 days) | 344,203 | „ 10 | 201 | 154 | 16·3 | – | – | – | 1 | 1 | 7 |
| VENICE - - | 169,545 | „ 15 | 65 | 63 | 19·4 | – | – | – | 2* | – | 2 |
| CAIRO - - | 570,062 | July 22 | – | – | – | – | – | – | – | – | – |
| ALEXANDRIA - | 319,766 | „ 22 | – | – | – | – | – | – | – | – | – |
| NEW YORK (including BROOKLYN) | 3,438,899 | October 15 | 1496 | 1140 | 17·3 | – | – | 4 | 18 | 8 | 25 |
| PHILADELPHIA - | 1,240,266 | „ 15 | – | 331 | 13·9 | – | – | 1 | 27 | 7 | 11 |

* Including deaths from croup.
† Including 150 deaths from "plague" in Bombay.
‡ Including 2 deaths from cholera in Bombay and 22 in Madras
§ Including 9 deaths from malarial fever.

| 1898. Month and Day | | Phases of the Moon. | Barometer. Mean daily reading (corrected and reduced to 32° Fahrenheit). | Temperature. Of the Air. Highest. | Temperature. Of the Air. Lowest | Temperature. Of the Air. Daily Range. | Temperature. Of the Air. Mean daily value. | Temperature. Of the Air. Departure from Average of 50 years. | Temperature. Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Difference. Greatest. | Difference. Least. | Degree of Humidity (Saturation equals 100). | Of Radiation. Highest in Sun's Rays. | Of Radiation. Lowest on the Grass. | Of the Earth 3 feet below the Surface. | Osler's. General Direction. A.M. | Osler's. General Direction. P.M. | Osler's. Pressure on the Square Foot. Greatest. | Osler's. Pressure. Least. | Osler's. Pressure. Mean of 24 hourly obs. | Robinson's. Horizontal Movement of the Air on each Day. | Robinson's. Departure from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| October | | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| Sunday | 30 | .. | 29·236 | 56·0 | 47·7 | 8·3 | 51·8 | + 4·8 | 42·9 | 8·9 | 13·2 | 0·6 | 72 | 77·2 | 44·8 | 56·00 | SSW., SW. & WSW. | SSW. & SW. | 10·5 | 0·0 | 1·1 | 510 | +235 | 0·26 | 0·2 |
| Monday | 31 | .. | 29·529 | 56·9 | 40·7 | 16·2 | 48·2 | + 1·4 | 40·2 | 8·0 | 14·4 | 1·6 | 74 | 98·7 | 35·5 | 55·83 | SW. & WSW. | WSW. & SW. | 3·9 | 0·0 | 0·5 | 363 | + 87 | 0·00 | 0·8 |
| November. Tuesday | 1 | Greatest Dec. N. | 29·851 | 53·4 | 38·0 | 15·4 | 45·8 | − 0·9 | 39·4 | 6·4 | 12·4 | 1·4 | 78 | 81·7 | 34·0 | 55·36 | SW. | WSW., SSW. & S. | 0·9 | 0·0 | 0·0 | 224 | − 53 | 0·00 | 0·0 |
| Wednesday | 2 | .. | 29·658 | 56·9 | 44·4 | 12·5 | 51·6 | + 5·1 | 48·8 | 2·8 | 5·8 | 2·3 | 90 | 58·9 | 38·3 | 54·80 | S. & SSW. | SSW. | 13·5 | 0·0 | 1·6 | 625 | +348 | 0·18 | 2·5 |
| Thursday | 3 | .. | 29·564 | 60·3 | 45·1 | 15·2 | 52·7 | + 6·4 | 49·5 | 3·2 | 7·6 | 1·5 | 89 | 66·2 | 39·2 | 54·38 | SW. | WSW. & SW. | 7·0 | 0·0 | 0·0 | 519 | +242 | 0·08 | 1·7 |
| Friday | 4 | Apogee | 29·741 | 55·1 | 40·4 | 14·7 | 48·1 | + 2·0 | 39·3 | 8·8 | 14·0 | 3·9 | 71 | 91·7 | 34·6 | 54·33 | SW. & WSW. | SW. | 3·3 | 0·0 | 0·0 | 332 | + 54 | 0·00 | 0·8 |
| Saturday | 5 | .. | 29·649 | 57·0 | 44·5 | 12·5 | 50·4 | + 4·5 | 44·2 | 6·2 | 12·0 | 0·4 | 79 | 100·6 | 36·0 | 54·11 | SW. & WSW. | WSW. & SW. | 3·2 | 0·0 | 0·3 | 314 | + 36 | 0·00 | 0·0 |
| Means | | | 29·604 | 56·5 | 43·0 | 13·5 | 49·8 | + 3·3 | 43·5 | 6·3 | 11·3 | 1·7 | 79 | 82·1 | 37·5 | 54·97 | SW. | | .. | .. | .. | Sum 2887 | Sum +949 | Sum 0·52 | 0·9 |
| No. of Column | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| Date. October | | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | General Remarks. |
|---|---|---|---|---|---|
| Sunday | 30 | Register imperfect, insulation defective. | 4·7 | 9·7 | Overcast with continuous rain till 4h. A.M.; very fine till 1h. P.M. with brilliant solar halo in forenoon; overcast with frequent showers till 6h. P.M.; cloudless and very fine afterwards. Brisk wind prevalent throughout the day. |
| Monday | 31 | w. P. till 2h. P.M.; m. P. afterwards. | 6·6 | 9·7 | Very fine generally; cloudy in afternoon. |
| November. Tuesday | 1 | w. P. generally - | 7·3 | 9·6 | Generally cloudless and very fine. Slight hoar frost in morning. |
| Wednesday | 2 | Register imperfect | 0·0 | 9·5 | Fine till 8h. A.M.; overcast with strong wind afterwards. Frequent rain after 11h. A.M. |
| Thursday | 3 | Register imperfect till 4h. P.M.; w P. afterwards. | 0·0 | 9·5 | Overcast with frequent rain till afternoon; very fine afterwards. Strong wind in morning. |
| Friday | 4 | w. P. generally - | 5·9 | 9·4 | Generally cloudless and very fine till noon; partially cloudy afterwards. |
| Saturday | 5 | w. P. generally - | 4·2 | 9·4 | Generally cloudy till 9h. A.M.; fine and partially cloudy till 6h. P.M.; cloudless afterwards. |
| | | | Sum 28·7 | Sum 66·8 | |
| No. of Col. | | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased from 29·15 in. at the beginning of the week to 29·10 in. by 3h. A.M. on October 30th; increased to 29·91 in. by 10h. P.M. on November 1st; decreased to 29·48 in. by 4h. A.M. on November 3rd; increased to 29·79 in. by 10h. A.M. on November 4th; decreased to 29·61 in. by 1h. P.M. on November 5th; and increased to 29·80 in. by the end of the week.

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1898.

OFFICIAL COPY.

# WEEKLY RETURN

OF

# BIRTHS AND DEATHS IN LONDON

AND IN

# THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

*Printed under the Superintendence of Her Majesty's Stationery Office,*

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No. 45. 1898. VOL. LIX.] WEEK ENDING SATURDAY, NOV. 12. [Price 1½*d.*

*General Register Office, Somerset House,*
*November 14th*, 1898.

## THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 17·2 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000 :—

| TOWNS. | Weeks ending | | | | TOWNS. | Weeks ending | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Oct. 22. | Oct. 29. | Nov. 5. | Nov. 12. | | Oct. 22. | Oct. 29. | Nov. 5. | Nov. 12. |
| 33 Great Towns | 18·8 | 17·9 | 17·0 | 17·2 | Leicester - - | 14·7 | 15·5 | 16·7 | 14·5 |
| Birkenhead - | 17·5 | 19·8 | 14·3 | 20·7 | Liverpool - - | 24·4 | 26·6 | 22·2 | 22·5 |
| Birmingham - | 21·4 | 21·3 | 18·8 | 18·0 | London - - - | 17·3 | 16·3 | 16·1 | 16·3 |
| Blackburn - | 12·5 | 24·3 | 20·7 | 18·0 | Manchester - - | 23·5 | 23·5 | 21·7 | 21·5 |
| Bolton - - | 17·9 | 20·0 | 16·6 | 17·5 | Newcastle-on-Tyne | 26·4 | 19·6 | 18·7 | 18·9 |
| Bradford - | 14·3 | 16·5 | 13·8 | 15·2 | Norwich - - | 22·9 | 14·0 | 17·7 | 21·5 |
| Brighton - | 14·9 | 14·5 | 20·0 | 19·2 | Nottingham - - | 20·5 | 15·2 | 18·5 | 16·6 |
| Bristol - | 12·8 | 14·3 | 13·0 | 13·8 | Oldham - - | 16·9 | 16·9 | 16·2 | 16·9 |
| Burnley - | 16·7 | 20·9 | 16·7 | 12·4 | Plymouth - - | 20·0 | 15·8 | 20·5 | 19·5 |
| Cardiff - - | 11·4 | 15·0 | 13·2 | 13·2 | Portsmouth - - | 19·8 | 15·9 | 15·1 | 17·6 |
| Croydon - | 14·7 | 9·6 | 6·7 | 11·3 | Preston - - | 21·5 | 20·6 | 18·8 | 23·3 |
| Derby - - | 13·9 | 13·9 | 10·4 | 11·9 | Salford - - - | 30·2 | 20·3 | 21·3 | 19·6 |
| Gateshead - | 22·6 | 22·1 | 16·6 | 22·6 | Sheffield - - | 23·7 | 22·5 | 17·8 | 16·8 |
| Halifax - | 20·5 | 13·5 | 13·5 | 15·6 | Sunderland - - | 25·7 | 23·2 | 18·1 | 11·6 |
| Huddersfield- | 11·7 | 12·7 | 12·2 | 15·8 | Swansea - - | 18·4 | 18·9 | 18·4 | 22·5 |
| Hull - - | 20·9 | 16·3 | 16·8 | 18·1 | West Ham - - | 15·1 | 12·9 | 14·7 | 14·7 |
| Leeds - - | 19·4 | 15·1 | 18·6 | 18·4 | Wolverhampton - | 13·0 | 24·9 | 18·4 | 19·0 |

The highest annual death-rates per 1000 living, as measured by last wee k's mortality, were :—from *measles*, 1·1 in Nottingham and in Sunderland, 1·2 in Blackburn, 1·4 in Portsmouth, and 1·6 in Plymouth ; from *scarlet fever*, 1·0 in Derby ; from *whooping-cough*, 1·0 in Swansea, 1·1 in Halifax, and 1·8 in Preston ; from "*fever*," 1·1 in Leeds and in Hull, 1·4 in Norwich, 1·5 in Sheffield, and 1·6 in Blackburn ; and from *diarrhœa*, 1·0 in Burnley, 1·5 in Bristol, and 1·8 in Wolverhampton. The 77 deaths from *diphtheria* included 31 in London, 9 in Swansea, 8 in Leeds, 6 in Sheffield, 4 in West Ham, and 3 in Newcastle-on-Tyne. No death from *small-pox* was registered in any of the thirty-three towns.

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

994—660—11/98 Wt 91 D & S 3

## London.

In London* 2696 births and 1406 deaths were registered. Allowing for increase of population, the births were 4 above, and the deaths 269 below, the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 17·3, 16·3, and 16·1 in the preceding three weeks, rose again last week to 16·3. During the four weeks ending on Saturday last the death-rate averaged 16·5 per 1000, being 2·3 per 1000 below the mean rate in the corresponding periods of the ten years 1888–97.

The 1406 deaths included 19 from measles, 17 from scarlet fever, 31 from diphtheria, 13 from whooping-cough, 27 from enteric fever, 17 from diarrhœa and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 124 deaths were referred to these diseases, being 67 below the corrected average weekly number.

The deaths from *measles*, which had been 12, 19, and 23 in the preceding three weeks, fell again last week to 19, and were 36 below the corrected average; 4 cases belonged to Shoreditch, and 4 to Bethnal Green sanitary areas. The deaths from *scarlet fever*, which had been 14, 10, and 13 in the preceding three weeks, further rose last week to 17, but were 6 below the corrected average; 5 cases belonged to St. Luke, 3 to Hammersmith, 2 to Fulham, and 2 to St. Pancras sanitary areas. The deaths from *diphtheria*, which had been 30, 46, and 28 in the preceding three weeks, rose again last week to 31, but were 22 below the corrected average; 5 cases belonged to St. Pancras, 3 to Lambeth, and 3 to Battersea sanitary areas. The deaths from *whooping-cough*, which had been 10, 13, and 10 in the preceding three weeks, rose again last week to 13, but were 10 below the corrected average. The fatal cases of *enteric fever*, which had been 28, 20 and 29 in the preceding three weeks, fell again last week to 27, but were 8 above the corrected average; 3 cases belonged to Hackney, 2 to Paddington, 2 to St. Marylebone, 2 to St. Pancras, 2 to Shoreditch, 2 to Camberwell, 2 to Greenwich, and 2 to Woolwich sanitary areas. The deaths from *diarrhœa*, which had been 48, 33, and 34 in the preceding three weeks, fell again last week to 17, the corrected average being 18. The deaths referred to diseases of the respiratory organs, which had been 263, 263, and 237 in the preceding three weeks, rose again last week to 248, but were 157 below the corrected average. The deaths attributed directly to *influenza* numbered 14, having been 15, 10, and 12 in the preceding three weeks.

Different forms of violence caused 71 deaths, concerning all but 2 of which inquests were held. Of these 71 deaths, 10 were cases of suicide, and 2 of homicide, while the remaining 59 were attributed to accident or negligence. Three of these were referred to vehicles in the streets, 9 to burns and scalds, 1 to the effects of chloroform administered for surgical purposes, and 12 (of infants under one year of age), to suffocation in bed.

## Cases of Infectious Sickness in Hospitals†.

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 3188 cases of scarlet fever, 1251 of diphtheria, and 242 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 340 cases, against 381, 336, and 318; of diphtheria, 179 cases, against 177, 152, and 174; and of enteric fever, 43 cases, against 44, 45, and 39.

* Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

† The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.

## Greater London.

In Greater London 3749 births and 1831 deaths were registered, corresponding to annual rates of 30·5 and 14·9 per 1000 of the estimated population. In the Outer Ring 4 deaths from measles, 3 from scarlet fever, 11 from diphtheria, 7 from whooping-cough, 10 from "fever," and 8 from diarrhœa were registered. Four deaths from diphtheria and 6 from "fever" occurred in West Ham district.

## Meteorology.

The mean reading of the Barometer last week at Greenwich was 29·85 inches, and that of the Thermometer 49°·6; the latter being 5°·4 above the week's average in the 50 years 1841–90. The direction of the wind was South-Easterly, the horizontal movement of the air being 49 per cent. below the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 27·2 hours; the measured rainfall amounted to 0·02 of an inch.

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## Returns of London Water Companies.

The London Water Companies have been good enough to furnish the following account of the number of services and the average daily amount of water supplied during the month of October 1898. The supply was in the ratio of 234 gallons to one service.

| Companies. | Number of Services. | | Daily Supply of Water in Gallons. | |
|---|---|---|---|---|
| | October, 1897. | October, 1898. | October, 1897. | October, 1898. |
| Total Supply | 850,957 | 869,014 | 206,978,780 | 203,746,355 |
| From Thames | 410,004 | 417,655 | 110,089,945 | 114,053,048 |
| From Lea and from other Sources | 440,953 | 451,359 | 96,888,835 | 89,693,307 |
| **Thames.** | | | | |
| Chelsea | 37,733 | 38,085 | 12,267,739 | 12,078,842 |
| West Middlesex | 81,705 | 83,159 | 20,514,859 | 21,372,626 |
| Southwark and Vauxhall | 121,022 | 122,069 | 34,257,757 | 32,276,124 |
| Grand Junction | 61,768 | 63,277 | 19,994,390 | 19,992,256 |
| Lambeth | 107,776 | 111,065 | 23,055,200 | 28,333,200 |
| **Lea and other Sources.** | | | | |
| New River | 163,030 | 165,342 | 36,673,000 | 38,967,509 |
| East London | 191,893 | 197,176 | 44,896,142 | 34,202,000 |
| Kent | 86,030 | 88,841 | 15,319,693 | 16,523,798 |

*Note.*—The Return for October 1898, as compared with that for the corresponding month of 1897, shows an increase of 18,057 services and a decrease of 3,232,425 gallons of water supplied daily.

## Analysis of Metropolitan Water Supply during October, 1898.

*Water-analysis Laboratory, The Yews, Reigate,*
*8th November*, 1898.

Sir,

I have to report to you the results of the chemical analysis, and of the physical and bacterioscopic examination of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of October.

At the request of the Associated Metropolitan Water Companies, I have extended these monthly examinations to (*a*) the bacterioscopic and chemical condition of the raw river waters at the intakes of the various Companies, and (*b*) to the bacteriology of the water as it issues from the filter beds of each Company, and before it is pumped into the distributing mains.

I append, also, the results obtained in the analysis of the water supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill, of Birmingham, and Dr. Mills, of Glasgow.

## *Analysis of Metropolitan Waters.*

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

| | Companies or Local Authorities. | Date and Place of Collection. | Temperature in Centigrade degrees. | Total Solid Matter. | Organic Carbon. | Organic Nitrogen. | Ammonia. | Nitrogen as Nitrates and Nitrites. | Total Combined Nitrogen. | Chlorine. | Total Hardness. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Inner Circle. | THAMES. (Unfiltered water) - | October 21st, Grand Junction Co.'s intake at Hampton. | 12·2° | 28·48 | ·227 | ·037 | ·010 | ·175 | ·220 | 1·7 | 18·6 |
| Inner Circle. | Chelsea - - - | October 25th, Cab Rank, Horse Guards, Whitehall. | 13·3 | 24·36 | ·092 | ·011 | 0 | ·151 | ·162 | 1·7 | 16·6 |
| Inner Circle. | West Middlesex - | October 25th, Cab Rank, Riding House-street. | 14·0 | 24·46 | ·116 | ·012 | 0 | ·144 | ·156 | 1·7 | 16·9 |
| Inner Circle. | Southwark - - | October 25th, Cab Rank, St. George's Church, Borough. | 14·2 | 27·24 | ·136 | ·025 | 0 | ·196 | ·221 | 1·7 | 19·1 |
| Inner Circle. | Grand Junction - | October 25th, Cab Rank, Portman-street, Oxford-street. | 13·7 | 26·36 | ·113 | ·013 | 0 | ·176 | ·189 | 1·7 | 17·7 |
| Inner Circle. | Lambeth - - - | October 25th, Cab Rank, St. George's-road, Southwark. | 13·7 | 26·64 | ·098 | ·013 | 0 | ·205 | ·218 | 1·7 | 17·7 |
| Inner Circle. | LEA. (Unfiltered water) - | October 24th, New River Cut at Green Lanes. | 13·0 | 32·88 | ·078 | ·006 | ·008 | ·250 | ·263 | 1·6 | 21·2 |
| Inner Circle. | New River - - | October 25th, Cab Rank, Tottenham Court-road. | 13·2 | 33·92 | ·031 | ·008 | 0 | ·225 | ·233 | 1·6 | 21·5 |
| Inner Circle. | (Unfiltered water) - | October 24th, River near E. London Co.'s intake at Angel-rd. | 13·5 | 38·00 | ·186 | ·061 | ·011 | ·289 | ·359 | 2·1 | 23·6 |
| Inner Circle. | East London - - | October 25th, Cab Rank, Sidney-street, E. | 13·9 | 34·54 | ·107 | ·008 | 0 | ·208 | ·216 | 2·0 | 20·0 |
| Inner Circle. | DEEP WELLS. Kent - - - - | October 25th, Police Station, Blackheath-road. | 12·9 | 41·42 | ·042 | ·004 | 0 | ·474 | ·478 | 2·1 | 27·5 |
| Outer Circle. | East London - - | October 21st, East Ham Well. | — | 42·84 | ·057 | ·007 | ·030 | ·031 | ·063 | 4·6 | 22·7 |
| | Corporation of Birmingham* - - - - | October 11th 14, Court Ormond-street. | 12·8 | 32·00 | ·230 | ·030 | ·001 | ·100 | ·131 | 2·1 | 2·00 |
| | Corporation of Glasgow† | October 15th, Loch Katrine water. | 11·9 | 3·28 | ·106 | ·013 | 0 | ·006 | ·019 | ·8 | 1·4 |
| | Column 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. |

* Analysed by Dr. Alfred Hill, F.I.C., Medical Officer of Health and Analyst to the City.

† Analysed by Dr. E. J. Mills, F.R.S., of the Glasgow and West of Scotland Technical College.

All the numbers contained in columns 4, 5, 6, 7, 8, 9, 10, and 11, relate to 100,000 parts of the waters. The Table is to be read thus :—The Thames water collected on the 21st October at the Grand Junction Company's intake at Hampton had a temperature of 12·2° C.; 100,000 lbs. of it contained 28·48 lbs. of solid matter in solution; the organic substances, constituting a portion of this matter, contained ·227 lb. of carbon and ·037 lb. of nitrogen. The above quantity of water also contained ·010 lb. of ammonia and ·175 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was ·220 lb. The above weight of water also contained 1·7 lb. of chlorine, and 18·6 lbs. of carbonate of lime, or an equivalent amount of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

Taking the average amount of organic impurity in a given volume of the Kent Company's water during the nine years ending December 1876, as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies, was:—New River 0·7, Kent 0·8, East London (deep well) 1·1, Chelsea 1·8, Lambeth 1·9, East London (river supply) 2·0, Grand Junction 2·1, West Middlesex, 2·2, and Southwark 2·7. The unfiltered waters contained the following proportions:—Thames at Hampton 4·5, New River Cut 1·4, and Lea at Angel Road 4·2.

The Thames at Hampton was, on 21st of October, turbid and yellow in colour; it was, for raw river water, of fairly good chemical but indifferent bacterial quality. The water supplied by the five Companies drawing from this river was, in every case, efficiently filtered before delivery, and was of excellent chemical quality for dietetic and all domestic purposes. The bacterial improvement effected by these Companies is expressed by the following percentage numbers:—Chelsea 99·81, West Middlesex 99·66, Southwark (general supply from Hampton) 96·40, Grand Junction (general well at Hampton) 97·11, (general well at Kew) 97·40, (south well at Kew) 99·75, (general supply from Kew) 95·94, and Lambeth 99·75.

The New River Cut, before entering the storage and subsidence reservoirs of the New River Company, was, on October 24th, of excellent chemical and fairly good bacterial quality. It was turbid and very pale yellow in colour. After efficient filtration, it was delivered in most excellent chemical and bacterial condition. A sample taken from the general filter well showed that no less than 99·55 per cent. of the microbes in the raw water had been removed.

The water drawn from the Lea at Angel-road by the East London Company was, on October 24th, turbid and yellow in colour. It was of fairly good chemical but bad bacterial quality; after storage and efficient filtration, however, it was delivered in excellent chemical condition, but the microbes in two out of the three filter wells were considerably above the standard of 100 per cubic centimetre. No. 1 Essex filter well was, however, delivering water containing only 10 microbes per cubic centimetre. The bacterial improvement is expressed by the following percentage numbers:—No. 1 Essex well 99·92, No. 2 Essex well 98·55, and Middlesex well 98·58.

The deep well water of the Kent Company was clear and bright without filtration, but that of the East London Company was very slightly turbid. Both waters possessed a high degree of organic purity.

Seen through a stratum two feet deep, the Kent water was clear and colourless, the New River clear and nearly colourless, the East London (river supply) clear and nearly colourless, the East London (deep well) very slightly turbid and nearly colourless, and the remaining waters clear and very pale yellow.

The bacterioscopic examination of the river waters, before and after storage, and of the filtered supplies delivered by the various Companies, collected on the 21st, 22nd, 24th, and 25th of October, yielded, after prolonged incubation, the results contained in the following Table:—

| Description. | Microbes per c.c. | Temp. C. |
|---|---|---|
| **Raw and Stored River Waters.** | | ° |
| River Thames at Hampton, October 21st, 1898 | 6,450 | 12·2 |
| " " after storage (Chelsea Company), October 22nd | 580 | 12·2 |
| West Middlesex Company's water, from mixed storage, October 22nd | 640 | 12·6 |
| Grand Junction Company's water at Kew Bridge, passing to filters, Oct. 22nd | 780 | 13·2 |
| New River Cut before passing through reservoirs, October 24th | 1,760 | 13·0 |
| " " " after " " | 360 | 12·7 |
| River Lea at Angel-road, October 24th | 12,220 | 13·5 |
| " " after storage (East London Company), October 24th | 1,440 | 13·3 |
| **Filtered River Waters as Supplied.** | | |
| **Thames.** | | |
| Chelsea Company's general filter well, October 21st | 12 | 12·1 |
| West Middlesex Company's general filter well, October 22nd | 22 | 12·5 |
| Southwark Company's tap on filtered water main at Hampton works, October 21st | 232 | 12·1 |
| Grand Junction Company's general filter well at Hampton, October 21st | 186 | 12·0 |
| " " " " " Kew Bridge, October 22nd | 168 | 12·0 |
| " " " South " " " " | 16 | 13·2 |
| " " " tap on filtered water main at Kew Bridge, October 22nd | 262 | 13·2 |
| Lambeth Company's general filter well, October 21st | 16 | 12·0 |
| **Lea** | | |
| New River Company's general filter well, October 24th | 8 | 12·7 |
| East London Company's No. 1 Essex filter well, October 24th | 10 | 13·1 |
| " " " No. 2 " " " " | 178 | 13·4 |
| " " " Middlesex " " " | 174 | 16·7 |
| **Deep-well.** | | |
| Kent Company's "New Well" at Deptford, October 25th | 118 | 11·4 |

Dr. Hill, F.I.C., Medical Officer of Health for Birmingham, reports that the water supplied to that City was "clear and pale green in a two-foot tube."

Dr. Mills, F.R.S., of the Glasgow and West of Scotland Technical College, reports that the water supplied to that City from Loch Katrine was "light brown in colour, and contained a little suspended matter." The solid impurity and temperature are unusually high.

I am, &c.,

E. FRANKLAND.

The Registrar-General, &c., &c.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Registered during the Week ending 12th November 1898. Births. | Deaths. | The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Annual Rate per 1000, corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6–12. | Temperature of the Air. Highest. Fahrenheit. | Lowest. Fahrenheit. | Mean. Fahrenheit. | Centigrade. | Rainfall. In Inches. | In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| 33 Towns - | **11,218,378** | **6910** | **3706** | **994** | **849** | **-** | **71** | **42** | **77** | **40** | **96** | **85** | **161** | **328** | **854** | **52** | **17·2** | **1·9** | **60·2** | **34·4** | **47·7** | **8·72** | **0·18** | **0·46** | 33 Towns. |
| London - - | 4,504,766 | 2696 | 1406 | 328 | 350 | - | 19 | 17 | 31 | 13 | 27 | 17 | 71 | 143 | 452 | 11 | 16·3 | 1·4 | 58·6 | 39·1 | 49·6 | 9·78 | 0·02 | 0·05 | London. |
| West Ham - - | 286,654 | 179 | 81 | 22 | 16 | - | 2 | 1 | 4 | 1 | 4 | 3 | 3 | 8 | 12 | 2 | 14·7 | 2·7 | - | - | - | - | - | - | West Ham. |
| Croydon - - | 124,421 | 62 | 27 | 4 | 10 | - | - | - | - | - | - | - | - | 1 | 5 | - | 11·3 | - | 59·0 | 34·5 | 47·9 | 8·83 | 0·00 | 0·00 | Croydon. |
| Brighton - - | 122,310 | 59 | 45 | 13 | 15 | - | - | - | 2 | - | - | 1 | - | 4 | 13 | - | 19·2 | 1·3 | 60·2 | 40·0 | 52·0 | 11·11 | 0·06 | 0·15 | Brighton. |
| Portsmouth - | 186,618 | 100 | 63 | 15 | 14 | - | 5 | - | 2 | 1 | 2 | - | 1 | 4 | 12 | - | 17·6 | 2·8 | - | - | - | - | - | - | Portsmouth. |
| Plymouth - - | 99,136 | 45 | 37 | 11 | 15 | - | 3 | - | - | - | - | - | 1 | 2 | 2 | - | 19·5 | 1·6 | - | - | - | - | - | - | Plymouth. |
| Bristol - - | 316,900 | 173 | 84 | 29 | 16 | - | - | 1 | 1 | 2 | 1 | 9 | 5 | 11 | 24 | - | 13·8 | 2·3 | 56·0 | 37·0 | 48·3 | 9·06 | 0·22 | 0·56 | Bristol. |
| Cardiff - - | 177,770 | 105 | 45 | 19 | 9 | - | 1 | - | - | - | - | 2 | 1 | 5 | 6 | - | 13·2 | 0·9 | - | - | - | - | - | - | Cardiff. |
| Swansea - - | 102,001 | 53 | 44 | 7 | 5 | - | - | - | 9 | 2 | - | - | 2 | 5 | 2 | 1 | 22·5 | 5·6 | - | - | - | - | - | - | Swansea. |
| Wolverhampton | 88,051 | 47 | 32 | 10 | 7 | - | - | 1 | 1 | - | - | 3 | 3 | 3 | 4 | 2 | 19·0 | 3·0 | 55·0 | 36·5 | 46·4 | 8·00 | 0·44 | 1·12 | Wolverhampton. |
| Birmingham - | 510,343 | 327 | 176 | 49 | 39 | - | 3 | - | 1 | 2 | 2 | 8 | 8 | 9 | 40 | 5 | 18·0 | 1·6 | - | - | - | - | - | - | Birmingham. |
| Norwich - - | 111,699 | 84 | 46 | 11 | 16 | - | 2 | - | - | - | 3 | 1 | 3 | 5 | 4 | - | 21·5 | 2·8 | 59·6 | 37·2 | 48·2 | 9·00 | 0·12 | 0·30 | Norwich. |
| Leicester - - | 208,662 | 120 | 58 | 25 | 15 | - | - | - | 2 | - | - | 3 | 2 | 4 | 6 | 1 | 14·5 | 1·2 | - | - | - | - | - | - | Leicester. |
| Nottingham - | 236,137 | 139 | 75 | 20 | 12 | - | 5 | 2 | 1 | 4 | 2 | 3 | 4 | 6 | 10 | - | 16·6 | 3·8 | 56·4 | 34·4 | 46·3 | 7·94 | 0·09 | 0·23 | Nottingham. |
| Derby - - - | 104,834 | 65 | 24 | 6 | 5 | - | - | 2 | - | - | 1 | 1 | - | 1 | 5 | - | 11·9 | 2·0 | - | - | - | - | - | - | Derby. |
| Birkenhead - | 113,189 | 67 | 45 | 12 | 9 | - | - | - | 1 | - | 1 | - | 1 | 4 | 6 | - | 20·7 | 0·9 | - | - | - | - | - | - | Birkenhead. |
| Liverpool - - | 633,645 | 460 | 274 | 79 | 55 | - | 9 | 3 | - | 1 | 7 | 7 | 11 | 17 | 71 | 14 | 22·5 | 2·2 | 54·9 | 43·3 | 48·0 | 8·89 | 0·39 | 0·99 | Liverpool. |
| Bolton† - - | 122,495 | 80 | 41 | 9 | 7 | - | - | 1 | - | - | 2 | 1 | 1 | 5 | 9 | - | 17·5 | 1·7 | - | - | - | - | - | - | Bolton.† |
| Manchester - | 539,079 | 392 | 222 | 77 | 29 | - | 6 | - | 1 | 2 | 2 | 6 | 15 | 29 | 29 | 7 | 21·5 | 1·6 | - | - | - | - | - | - | Manchester. |
| Salford - - | 215,702 | 147 | 81 | 21 | 17 | - | 2 | 2 | 1 | 1 | 2 | 2 | 3 | 8 | 15 | - | 19·6 | 2·4 | - | - | - | - | - | - | Salford. |
| Oldham - - | 148,288 | 81 | 48 | 14 | 9 | - | - | - | 1 | 1 | 1 | 1 | 5 | 7 | 4 | - | 16·9 | 1·4 | - | - | - | - | - | - | Oldham. |
| Burnley - - | 109,546 | 62 | 26 | 10 | 5 | - | - | - | 1 | - | 1 | 2 | 1 | 2 | 4 | 1 | 12·4 | 1·9 | - | - | - | - | - | - | Burnley. |
| Blackburn - - | 133,228 | 76 | 46 | 17 | 11 | - | 3 | - | - | - | 4 | - | 2 | 4 | 2 | 1 | 18·0 | 2·7 | - | - | - | - | - | - | Blackburn. |
| Preston - - | 116,356 | 97 | 52 | 23 | 13 | - | - | - | - | 4 | 2 | - | - | - | 8 | 2 | 23·3 | 2·7 | - | - | - | - | - | - | Preston. |
| Huddersfield - | 102,454 | 58 | 31 | 10 | 6 | - | - | - | - | 1 | - | 1 | 2 | 2 | 5 | - | 15·8 | 1·0 | 55·2 | 37·8 | 45·6 | 7·56 | 0·48 | 1·22 | Huddersfield. |
| Halifax - - | 96,729 | 40 | 29 | 5 | 12 | - | - | 1 | 1 | 2 | 1 | 1 | - | 2 | 2 | - | 15·6 | 3·2 | - | - | - | - | - | - | Halifax. |
| Bradford - - | 233,737 | 87 | 68 | 13 | 24 | - | 1 | - | - | - | 2 | 4 | 3 | 6 | 15 | - | 15·2 | 1·6 | 53·4 | 41·4 | 46·5 | 8·06 | 0·04 | 0·10 | Bradford. |
| Leeds - - - | 416,618 | 283 | 147 | 42 | 27 | - | 2 | 3 | 8 | 1 | 9 | 3 | 3 | 7 | 19 | 1 | 18·4 | 3·3 | - | - | - | - | - | - | Leeds. |
| Sheffield - - | 356,478 | 279 | 115 | 39 | 20 | - | - | 3 | 6 | 1 | 10 | 3 | 1 | 1 | 18 | 4 | 16·8 | 3·4 | - | - | - | - | - | - | Sheffield. |
| Hull - - - | 229,887 | 148 | 80 | 18 | 18 | - | 1 | 2 | - | - | 5 | - | 3 | 9 | 22 | - | 18·1 | 1·8 | 54·0 | 36·0 | 46·4 | 8·00 | 0·08 | 0·20 | Hull. |
| Sunderland - | 143,849 | 123 | 32 | 11 | 8 | - | 3 | - | - | 1 | - | 1 | 2 | 4 | 4 | - | 11·6 | 1·8 | - | - | - | - | - | - | Sunderland. |
| Gateshead - - | 103,775 | 55 | 45 | 15 | 5 | - | 1 | - | - | - | 1 | 1 | - | 2 | 4 | - | 22·6 | 1·5 | - | - | - | - | - | - | Gateshead. |
| Newcastle - - | 223,021 | 121 | 81 | 10 | 21 | - | 3 | 3 | 3 | - | 4 | 1 | 4 | 8 | 20 | - | 18·9 | 3·3 | - | - | - | - | - | - | Newcastle. |

* See note * on first page of this return.

† The recent extension of the Borough of Bolton will not be taken into account in the Weekly Returns until 1899.

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the FORTY-FIFTH Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2770 | 2659 | 2173 | 2456 | 2435 | 2659 | 2657 | 2525 | 2736 | 2507 | 2691·5 | 2696 |
| Males | 1401 | 1339 | 1110 | 1266 | 1246 | 1378 | 1367 | 1314 | 1384 | 1221 | 1370·8 | 1348 |
| Females | 1369 | 1320 | 1063 | 1190 | 1189 | 1281 | 1290 | 1211 | 1352 | 1286 | 1320·7 | 1348 |
| TOTAL **Deaths** | 1520 | 1350 | 1734 | 1590 | 1538 | 1769 | 1249 | 1790 | 1713 | 1660 | 1674·5 | 1406 |
| Males | 781 | 676 | 881 | 817 | 795 | 901 | 648 | 910 | 847 | 861 | 854·1 | 768 |
| Females | 739 | 674 | 853 | 773 | 743 | 868 | 601 | 880 | 866 | 799 | 820·4 | 638 |

*The numbers in this column are the average weekly numbers in the forty-fifth week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | Aug. 20. | Aug. 27. | Sept. 3. | Sept. 10. | Sept. 17. | Sept. 24. | Oct. 1. | Oct. 8. | Oct. 15. | Oct. 22. | Oct. 29. | Nov. 5. | Nov. 12. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2489 | 2551 | 2650 | 2446 | 2499 | 2574 | 2614 | 2554 | 2454 | 2468 | 2652 | 2530 | 2696 |
| TOTAL **Deaths** | 2019 | 1856 | 1898 | 2007 | 1832 | 1863 | 1700 | 1620 | 1600 | 1497 | 1412 | 1394 | 1406 |
| Ages at Death: Under 1 year | 915 | 886 | 887 | 929 | 786 | 764 | 619 | 498 | 415 | 351 | 350 | 357 | 328 |
| 1—5 years | 233 | 222 | 203 | 244 | 211 | 202 | 195 | 182 | 180 | 167 | 169 | 155 | 158 |
| 5—20 „ | 61 | 64 | 83 | 76 | 64 | 86 | 76 | 76 | 95 | 93 | 82 | 73 | 76 |
| 20—40 „ | 172 | 157 | 189 | 200 | 178 | 204 | 185 | 180 | 204 | 199 | 178 | 198 | 191 |
| 40—60 „ | 283 | 236 | 259 | 241 | 270 | 269 | 293 | 314 | 324 | 320 | 282 | 276 | 294 |
| 60—80 „ | 295 | 243 | 226 | 256 | 269 | 266 | 288 | 291 | 307 | 290 | 287 | 258 | 299 |
| 80 years and upwards | 60 | 48 | 51 | 61 | 54 | 72 | 44 | 79 | 75 | 77 | 64 | 77 | 60 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox | – | – | – | – | – | – | – | – | 1 | – | – | – | – |
| Measles | 18 | 20 | 11 | 16 | 8 | 12 | 10 | 7 | 9 | 12 | 19 | 23 | 19 |
| Scarlet Fever | 17 | 7 | 5 | 8 | 3 | 9 | 10 | 7 | 7 | 14 | 10 | 13 | 17 |
| Diphtheria | 26 | 21 | 19 | 30 | 29 | 29 | 33 | 34 | 41 | 30 | 46 | 28 | 31 |
| Whooping-cough | 32 | 32 | 29 | 40 | 25 | 31 | 29 | 18 | 17 | 10 | 13 | 10 | 13 |
| Typhus | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Enteric Fever | 13 | 9 | 15 | 19 | 7 | 9 | 9 | 6 | 18 | 28 | 20 | 29 | 27 |
| Simple Continued Fever | 1 | – | 1 | – | – | – | – | – | – | – | 2 | – | – |
| Diarrhœa and Dysentery | 432 | 461 | 431 | 433 | 387 | 347 | 247 | 138 | 99 | 48 | 33 | 34 | 17 |
| Cholera | 14 | 14 | 13 | 13 | 14 | 7 | 10 | 1 | 1 | – | 1 | – | – |
| All the above Diseases | 553 | 564 | 524 | 559 | 483 | 444 | 348 | 211 | 193 | 142 | 144 | 138 | 124 |
| Dis. of Respiratory System | 195 | 135 | 127 | 130 | 135 | 157 | 200 | 226 | 263 | 263 | 263 | 237 | 248 |
| Phthisis | 116 | 107 | 144 | 140 | 133 | 127 | 147 | 148 | 173 | 169 | 139 | 135 | 156 |
| Dis. of Circulatory System | 111 | 106 | 116 | 111 | 123 | 121 | 136 | 140 | 143 | 137 | 125 | 130 | 133 |
| Violence | 69 | 73 | 60 | 71 | 96 | 58 | 66 | 76 | 56 | 52 | 63 | 50 | 71 |
| Inquest Cases | 139 | 150 | 124 | 135 | 166 | 133 | 147 | 147 | 145 | 121 | 135 | 114 | 143 |
| Deaths in Public Institutions | 500 | 407 | 469 | 470 | 470 | 495 | 446 | 483 | 491 | 459 | 460 | 432 | 452 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean | 69°·5 | 65°·4 | 61°·1 | 70°·4 | 66°·4 | 57°·2 | 52°·9 | 56°·1 | 49°·5 | 55°·3 | 55°·5 | 49°·8 | 49°·6 |
| Mean of Highest readings | 82·1 | 76·8 | 73·2 | 83·6 | 79·5 | 68·7 | 63·8 | 62·4 | 55·1 | 60·0 | 61·0 | 56·5 | 56·0 |
| Mean of Lowest readings | 59·3 | 55·8 | 50·5 | 60·0 | 55·1 | 47·1 | 42·5 | 50·1 | 44·5 | 50·8 | 50·6 | 43·0 | 44·0 |
| Humidity of the Air | 69 | 73 | 67 | 68 | 64 | 75 | 72 | 82 | 86 | 87 | 82 | 79 | 93 |
| Rain-fall (in inches) | 0·03 | 0·14 | 0·08 | 0·00 | 0·02 | 0·12 | 0·16 | 0·02 | 0·42 | 1·42 | 1·03 | 0·52 | 0·02 |
| Registered Sunshine (in hours) | 61·0 | 45·1 | 60·7 | 59·7 | 56·8 | 33·8 | 42·4 | 18·3 | 12·5 | 10·9 | 22·2 | 28·7 | 27·2 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox | 2 | 2 | 2 | 3 | 2 | 1 | – | – | – | – | – | – | – |
| Scarlet Fever | 2241 | 2178 | 2240 | 2300 | 2319 | 2353 | 2459 | 2606 | 2728 | 2915 | 3031 | 3092 | 3188 |
| Diphtheria | 937 | 903 | 869 | 893 | 916 | 964 | 1027 | 1052 | 1125 | 1169 | 1187 | 1241 | 1251 |
| Enteric Fever | 106 | 115 | 118 | 119 | 127 | 128 | 155 | 176 | 191 | 214 | 223 | 230 | 242 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton: A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and F. Boobbyer Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst.C.E., Bradford; and Mr. E. Peak, Hull.

ABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-FIFTH Week of the Year 1898.

| USES OF DEATH | Corrected Averages for the 45th Week of the 10 years 1888-97*. | In the Week ending Saturday, 12th November 1898. Deaths of Persons of the Ages: All Ages. | Under 20. 0-1 | 1-5 | 5-20 | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| AUSES | 1674·5 | 1406 | 328 | 158 | 76 | 191 | 294 | 299 | 60 |
| l- Vaccinated† | – | – | – | – | – | – | – | – | – |
| Unvaccinated | 0·2 | – | – | – | – | – | – | – | – |
| No Statement | 0·3 | – | – | – | – | – | – | – | – |
| es | 54·5 | 19 | 1 | 17 | 1 | – | – | – | – |
| t Fever | 22·8 | 17 | – | 15 | 2 | – | – | – | – |
| us | – | – | – | – | – | – | – | – | – |
| sing Fever | – | – | – | – | – | – | – | – | – |
| nza | 7·9 | 14 | 1 | 1 | 2 | 1 | 3 | 5 | 1 |
| ping-cough | 23·2 | 13 | 8 | 5 | – | – | – | – | – |
| heria | 52·7 | 31 | 1 | 21 | 9 | – | – | – | – |
| e Continued and defined Fever | 0·2 | – | – | – | – | – | – | – | – |
| ic Fever | 18·6 | 27 | – | – | 10 | 12 | 5 | – | – |
| ra and Chol. Diarr. | 0·3 | – | – | – | – | – | – | – | – |
| hœa, Dysentery | 18·1 | 17 | 11 | 3 | – | 1 | – | 2 | – |
| ttent Fever | 0·1 | – | – | – | – | – | – | – | – |
| phobia | – | – | – | – | – | – | – | – | – |
| ers | 0·1 | – | – | – | – | – | – | – | – |
| ox and Effects of cination | 0·4 | – | – | – | – | – | – | – | – |
| real Affections | 9·4 | 8 | 5 | – | 1 | – | 2 | – | – |
| pelas | 6·3 | 2 | – | – | – | – | 1 | 1 | – |
| nia and Septicæmia | 2·2 | – | – | – | – | – | – | – | – |
| peral Fever | 5·7 | 7 | – | – | – | 7 | – | – | – |
| r Zymotic Diseases | 1·3 | 2 | – | 1 | 1 | – | – | – | – |
| sh | 0·8 | – | – | – | – | – | – | – | – |
| ns and other Parasical Diseases | 0·6 | – | – | – | – | – | – | – | – |
| vation, Want of east-milk | 1·9 | 3 | 2 | 1 | – | – | – | – | – |
| nolism | 10·0 | 13 | – | – | – | 3 | 10 | – | – |
| umatic Fever, eumatism of Heart | 12·2 | 3 | – | – | 1 | 1 | 1 | – | – |
| umatism | 2·8 | – | – | – | – | – | – | – | – |
| t | 2·6 | 3 | – | – | – | – | 3 | – | – |
| kets | 5·5 | 5 | 1 | 4 | – | – | – | – | – |
| cer | 69·6 | 81 | – | 1 | 1 | 3 | 37 | 35 | 4 |
| es Mesenterica | 22·3 | 14 | 8 | 1 | 2 | 2 | 1 | – | – |
| ercular Meningitis | 21·2 | 12 | 5 | 5 | 2 | – | – | – | – |
| nisis | 159·7 | 156 | 3 | 2 | 8 | 70 | 60 | 13 | – |
| fula, Tuberculosis | 18·5 | 25 | 9 | 8 | 3 | 4 | 1 | – | – |
| er Constitutional iseases | 16·3 | 17 | 2 | – | – | 2 | 2 | 9 | 2 |
| mature Birth | 49·6 | 48 | 48 | – | – | – | – | – | – |
| lectasis | 3·7 | 7 | 7 | – | – | – | – | – | – |
| genital Malformations | 8·1 | 8 | 8 | – | – | – | – | – | – |
| Age | 46·8 | 28 | – | – | – | – | – | 13 | 15 |
| oplexy | 47·4 | 44 | – | – | – | 1 | 15 | 25 | 3 |
| lepsy | 7·4 | 10 | – | – | 2 | 3 | 2 | 3 | – |
| nvulsions | 40·4 | 30 | 24 | 6 | – | – | – | – | – |
| her Diseases of Brain nd Nervous System | 75·4 | 73 | 6 | 6 | 3 | 10 | 20 | 24 | 4 |
| seases of Organs of pecial Sense | 2·8 | 3 | – | 1 | – | 1 | – | 1 | – |

| CAUSES OF DEATH | Corrected Averages for the 45th Week of the 10 years 1888-97*. | In the Week ending Saturday, 12th November 1898. Deaths of Persons of the Ages: All Ages. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System | 140·9 | 133 | 1 | – | 9 | 17 | 52 | 48 | 6 |
| Croup | 7·8 | – | – | – | – | – | – | – | – |
| Bronchitis | 233·0 | 123 | 43 | 13 | 1 | – | 15 | 42 | 9 |
| Pneumonia | 128·1 | 106 | 37 | 28 | 4 | 11 | 13 | 12 | 1 |
| Pleurisy | 6·7 | 4 | 1 | 1 | – | – | 1 | 1 | – |
| Other Diseases of Respiratory System | 28·9 | 15 | 3 | – | – | 3 | 3 | 4 | 2 |
| Dentition | 8·3 | 6 | 3 | 3 | – | – | – | – | – |
| Quinsy, Sore Throat | 2·4 | – | – | – | – | – | – | – | – |
| Enteritis | 13·3 | 25 | 11 | 4 | 1 | 4 | – | 3 | 2 |
| Peritonitis | 6·4 | 3 | – | – | 1 | – | – | 2 | – |
| Diseases of Liver | 25·4 | 26 | 3 | – | – | 2 | 11 | 8 | 2 |
| Other Diseases of Digestive System | 29·8 | 26 | 5 | – | 3 | 4 | 5 | 8 | 1 |
| Diseases of Lymphatic System & of Ductless Glands | 1·9 | 1 | – | 1 | – | – | – | – | – |
| Diseases of Urinary System | 48·1 | 52 | 1 | – | 3 | 5 | 12 | 27 | 4 |
| Diseases of Generative System | 6·2 | 6 | – | 1 | – | 2 | 2 | 1 | – |
| Accidents of Childbirth | 4·6 | 3 | – | – | – | 3 | – | – | – |
| Diseases of Locomotive System | 5·7 | 3 | – | – | 1 | 2 | – | – | – |
| Diseases of Integumentary System | 6·4 | 7 | 1 | – | – | – | 1 | 4 | 1 |
| VIOLENT DEATHS.‡ (ACCIDENT.) | | | | | | | | | |
| By Railways | 51·5 | 2 | – | – | – | 1 | – | 1 | – |
| By Vehicles or Horses | | 3 | – | – | 1 | – | 1 | 1 | – |
| In Ships, Boats, Docks, (exclusive of Drowning) | | 1 | – | – | – | – | 1 | – | – |
| In Building Operations | | 2 | – | – | – | 1 | 1 | – | – |
| In Conflagrations | | 1 | – | 1 | – | – | – | – | – |
| By Burns, Scalds, Explosions | | 9 | – | 4 | 1 | 1 | 1 | 1 | 1 |
| By Drowning | | 3 | – | – | – | 1 | 1 | 1 | – |
| By Suffocation in Bed | | 12 | 12 | – | – | – | – | – | – |
| By Poisons or Poisonous Vapours | | 4 | 1 | – | – | 1 | 2 | – | – |
| Other or not stated causes | | 22 | 3 | 2 | 1 | 6 | 5 | 3 | 2 |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide | 1·1 | 2 | – | – | 1 | 1 | – | – | – |
| Suicide | 7·4 | 10 | – | – | 1 | 5 | 3 | 1 | – |
| Execution | – | – | – | – | – | – | – | – | – |
| OTHER CAUSES | 60·7 | 56 | 53 | 2 | – | – | 1 | – | – |

* The numbers in this column are the average weekly deaths for the ten years 1888-97, raised by 5·230 per cent. for increase population.

† Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered edical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the use of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

‡ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of cident, murder manslaughter or suicide. All such cases are classed under "accident."

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEAS SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in SUB-DISTRICT during the Week ending Saturday, 12th November, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2696 | 1406 | 328 | 359 | - | 19 | 17 | 31 | 13 | - | 27 | - | 17 | 71 | 143 | 452 |
| WEST DISTRICTS - - - | 778,251 | 392 | 238 | 52 | 80 | - | 1 | 7 | 3 | - | - | 4 | - | 4 | 14 | 31 | 84 |
| NORTH DISTRICTS - - - | 1,040,694 | 587 | 305 | 71 | 77 | - | 2 | 5 | 11 | 2 | - | 9 | - | 4 | 9 | 18 | 88 |
| CENTRAL DISTRICTS - - - | 233,635 | 154 | 97 | 20 | 15 | - | 2 | 1 | 1 | - | - | 4 | - | 1 | 8 | 14 | 39 |
| EAST DISTRICTS - - - | 716,334 | 537 | 248 | 59 | 55 | - | 11 | - | 2 | 2 | - | 1 | - | 2 | 10 | 37 | 89 |
| SOUTH DISTRICTS - - - | 1,642,796 | 1026 | 487 | 126 | 119 | - | 3 | 3 | 14 | 9 | - | 9 | - | 5 | 30 | 43 | 121 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | — | - | 31 | - | 13 | - | - | 1 | - | - | - | - | - | 1 | - | - | 31 |
| **WEST DISTRICTS.** | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 59 | 27 | 5 | 14 | - | - | - | - | - | - | - | - | - | 1 | 2 | 8 |
| St. John Paddington *H* - - G. | 33,510 | 7 | 7 | 1 | 2 | - | - | - | - | - | - | 1 | - | - | - | - | 4 |
| Kensington Town *Ww* - - W. | 122,164 | 68 | 45 | 7 | 21 | - | - | - | - | - | - | - | - | - | 2 | 7 | 17 |
| Brompton *HH*- - - W. & C. | 48,301 | 9 | 9 | 2 | 5 | - | - | - | - | - | - | - | - | - | 1 | 1 | 1 |
| St. Peter Hammersmith - - W. | 9,097 | 7 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Paul Hammersmith *HH* W. & G. | 35,102 | 52 | 22 | 6 | 10 | - | - | - | 1 | - | - | - | - | - | 3 | 5 | 1 |
| Fulham *Ww* - - - W. & C. | 113,781 | 84 | 50 | 16 | 10 | - | - | 7 | 2 | - | - | 2 | - | 1 | 2 | 3 | 22 |
| Chelsea Kensal Town - C. | 21,450 | 13 | 6 | 4 | - | - | 1 | - | - | - | - | - | - | - | - | - | - |
| Chelsea North *WHHHHH* - C. | 42,057 | 16 | 11 | 3 | 1 | - | - | - | - | - | - | - | - | 1 | - | 3 | 5 |
| Chelsea South *HH* - - C. | 33,139 | 15 | 8 | 3 | 1 | - | - | - | - | - | - | - | - | - | 1 | 2 | 3 |
| May Fair *W* - - - - G. | 23,827 | 6 | 17 | - | 7 | - | - | - | - | - | - | - | - | 2 | 1 | 2 | 12 |
| Belgrave *WHHH* - - - C. | 56,140 | 26 | 14 | 2 | 2 | - | - | - | - | - | - | 1 | - | - | 1 | 2 | 8 |
| St. John Westminster *HH* - C. | 31,492 | 14 | 5 | 1 | 2 | - | - | - | - | - | - | - | - | - | 2 | 2 | - |
| St. Margaret Westminster *H*- C. | 22,097 | 7 | 9 | 1 | 3 | - | - | - | - | - | - | - | - | - | - | 2 | 1 |
| St. James Westminster *WHH* N. & G. | 23,050 | 6 | 7 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | 2 |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **NORTH DISTRICTS.** | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - - W. | 36,595 | 16 | 11 | 3 | 4 | - | - | - | - | - | - | - | - | - | - | - | 5 |
| Rectory Marylebone *W* G. & W. | 19,798 | 15 | 3 | 1 | 1 | - | - | - | 1 | - | - | - | - | - | - | 1 | - |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 27 | 6 | 1 | 1 | - | - | - | - | - | - | 1 | - | - | - | - | 2 |
| Christchurch Marylebone *H* - W | 32,547 | 25 | 8 | - | 4 | - | - | - | - | - | - | 1 | - | - | - | - | - |
| St. John Marylebone *HHH* W. | 32,611 | 19 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 28 | 25 | 1 | 6 | - | - | 5 | 3 | - | - | 2 | - | - | 1 | 1 | 12 |
| Regent's Park Pancras *HH* - W. | 37,341 | 16 | 6 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Tottenham-court *wHHHH* - N. & W. | 26,757 | 13 | 16 | 2 | 4 | - | - | - | 1 | - | - | 2 | - | - | - | - | 10 |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 16 | 9 | - | 2 | - | - | - | 2 | - | - | - | - | 1 | - | 1 | 3 |
| Somers Town *HH* - - - N. | 32,161 | 13 | 8 | 3 | 1 | - | - | - | - | - | - | - | - | - | 1 | 1 | 1 |
| Camden Town *WH* - - N. | 16,669 | 11 | 10 | 3 | 2 | - | - | - | - | - | - | - | - | 1 | - | 1 | 7 |
| Kentish Town *WW* - - N. | 98,410 | 56 | 34 | 9 | 5 | - | - | - | 1 | - | - | - | - | 2 | 1 | 1 | 9 |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 62 | 36 | 9 | 14 | - | - | - | - | - | - | - | - | - | 2 | 2 | 22 |
| Islington South-west *H* - N. | 107,365 | 50 | 28 | 10 | 7 | - | 1 | - | - | 1 | - | - | - | - | - | 1 | - |
| Islington South-east - - N. | 66,549 | 33 | 16 | 3 | 3 | - | - | - | - | 1 | - | - | - | - | - | 1 | - |
| Highbury *HH* - - - N. | 64,577 | 28 | 13 | 5 | 3 | - | - | - | - | - | - | 1 | - | - | 2 | 2 | 1 |
| Stoke Newington *H* - - N. | 33,485 | 25 | 9 | - | 4 | - | - | - | 1 | - | - | - | - | - | - | - | - |
| North Hackney - - E. & N. | 213,044 | 19 | 12 | 4 | 2 | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Central Hackney *ww* - E. & N. | | 30 | 16 | 4 | 3 | - | - | - | 2 | - | - | - | - | - | - | 1 | 2 |
| South-west Hackney *HH H* E. & N. | | 39 | 13 | 4 | 1 | - | - | - | - | - | - | 1 | - | - | 1 | 1 | 7 |
| South-east Hackney *WwH* E. & N. | | 46 | 23 | 7 | 8 | - | 1 | - | - | - | - | 1 | - | - | 1 | 2 | 7 |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated the namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junc Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River E London; and K. the Kent Company.

See note * on second page of this Return.

BLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH. FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday, 12th November, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population. 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Continued Simple Fever. | Diarrhœa. | Violence | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CENTRAL DISTRICTS. | | | | | | | | | | | | | | | | | | |
| St. George Bloomsbury - - N. | 16,110 | 3 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Giles South *WH* - - N. | 12,976 | 20 | 11 | 4 | 2 | - | - | - | - | - | - | - | - | - | 2 | 2 | 8 | - |
| St. Giles North *H* - - - N. | 9,151 | 6 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| St. Martin-in-the-Fields *HH* N. & C. | 13,077 | 4 | 10 | 3 | 2 | - | - | - | - | - | - | 1 | - | 1 | - | 2 | 4 | - |
| Strand *WHH* - - - - N. | 11,839 | 7 | 10 | - | 1 | - | - | - | - | - | - | 3 | - | - | 1 | 2 | 7 | - |
| *Strand Union Workhouse, Edmonton* | †*1,037* | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Holborn *wHHHHHH* - N. | 31,042 | 28 | 14 | 3 | - | - | - | - | 1 | - | - | - | - | - | - | 2 | 7 | - |
| St. James Clerkenwell - - N. | 15,777 | 10 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Amwell Clerkenwell - - N. | 34,356 | 12 | 9 | 3 | 1 | - | 1 | - | - | - | - | - | - | - | 1 | 2 | - | - |
| Goswell-street - - - - N. | 16,069 | 19 | 6 | 2 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| City-road *HHHL* - - - N. | 29,897 | 28 | 8 | - | - | - | - | 1 | - | - | - | - | - | - | - | - | 3 | - |
| Whitecross-street - - - N. | 7,595 | 7 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Finsbury - - - - - N. | 4,035 | 1 | 3 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| *Holborn Union Workhouse, Mitcham* - - - - | †*892* | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Botolph *H* - - N. & E. | 6,870 | 4 | 4 | - | 2 | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - |
| Cripplegate - - - - N. | 3,299 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Sepulchre *WH* - - - N. | 9,591 | 1 | 11 | - | 1 | - | - | - | - | - | - | - | - | - | 3 | 3 | 8 | 1 |
| All hallows Barking - - - N. | 9,059 | 2 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Broad Street *H* - - - N. | 2,892 | - | 3 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | 1 |
| *City of London Asylum, Stone* - - | †*388* | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| EAST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| Shoreditch South *Hl* - E. & N. | 17,975 | 8 | 6 | - | 1 | - | 1 | - | - | - | - | 1 | - | - | - | - | 1 | - |
| Hoxton New Town *w* - - N. | 29,575 | 16 | 14 | 4 | 4 | - | 2 | - | - | - | - | - | - | - | - | 2 | 6 | - |
| Hoxton Old Town - - - N. | 27,645 | 21 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| Haggerston *WH* - - N. & E. | 47,163 | 43 | 23 | 6 | 6 | - | 1 | - | 2 | - | - | - | - | - | 1 | 2 | 11 | - |
| Bethnal Green North *H* - E. | 49,301 | 37 | 8 | 1 | 2 | - | 1 | - | - | - | - | - | - | - | - | 3 | 1 | - |
| Bethnal Green South - - E. | 34,194 | 27 | 11 | 3 | 1 | - | - | - | - | - | - | - | - | 2 | 1 | 1 | - | - |
| Bethnal Green East *WHl* - E. | 45,667 | 37 | 23 | 5 | 9 | - | 3 | - | - | - | - | - | - | - | - | 2 | 12 | - |
| Spitalfields - - - E. & N. | 26,681 | 23 | 6 | 2 | 1 | - | 1 | - | - | - | - | - | - | - | - | 1 | - | - |
| Mile End New Town *W* - E. | 12,816 | 12 | 10 | - | 3 | - | 1 | - | - | - | - | - | - | - | 1 | 1 | 8 | - |
| Whitechapel Church *H* - E. & N. | 25,561 | 12 | 30 | 3 | 3 | - | - | - | - | - | - | - | - | - | 6 | 7 | 23 | - |
| Goodman's Fields - - - E. | 13,618 | 7 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| St. George's North - - - E. | 39,576 | 36 | 10 | 6 | 2 | - | - | - | - | 2 | - | - | - | - | - | 1 | - | - |
| St. John, St. George East *W* E. | 7,930 | 5 | 6 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | 4 | - |
| Shadwell *H* - - - E. & N. | 10,434 | 4 | 5 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | 5 | - |
| Ratcliff *W* - - - - E. | 14,954 | 10 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Limehouse - - - - E. | 32,917 | 19 | 6 | 1 | - | - | - | - | - | - | - | - | - | - | - | 2 | - | - |
| Mile End Old Town West *H* E. | 111,060 | 42 | 18 | 3 | 6 | - | 1 | - | - | - | - | - | - | - | - | 4 | - | - |
| Mile End Old Town East *WWww* - E. | | 34 | 16 | 1 | 6 | - | - | - | - | - | - | - | - | - | - | 1 | 8 | - |
| Bow *l* - - - - E. | 41,687 | 31 | 9 | 5 | - | - | - | - | - | - | - | - | - | - | 1 | 1 | 1 | - |
| Bromley *wwwH* - - - E. | 69,821 | 64 | 25 | 7 | 6 | - | - | - | - | - | - | - | - | - | - | 5 | 9 | - |
| Poplar *WW* - - - - E. | 57,759 | 49 | 14 | 7 | 2 | - | - | - | - | - | - | - | - | - | - | 2 | - | - |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX MEASLES SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 12th November, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WHL*.&S. | 13,064 | 5 | 4 | 3 | – | – | – | – | – | – | – | – | – | – | 1 | 1 | – | |
| St. Saviour Southwark - - S. | 12,301 | 6 | 2 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | |
| Kent-road - - - - S. & L. | 22,879 | 18 | 11 | 3 | 2 | – | – | – | – | 2 | – | – | – | – | – | – | – | |
| Borough-road *WH* - S. & L. | 16,083 | 12 | 5 | 4 | – | – | – | – | – | – | – | – | – | 1 | 2 | – | 4 | |
| London-road *HL* - - L. & S. | 21,316 | 17 | 5 | 2 | – | – | – | – | – | – | – | – | – | – | 1 | 1 | 1 | |
| Trinity Newington - - S. & L. | 28,723 | 18 | 5 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | 1 | – | |
| St. Peter Walworth *W* - S. & L. | 62,045 | 50 | 20 | 5 | 5 | – | 1 | – | 1 | 2 | – | – | – | – | – | 1 | 2 | |
| St. Mary Newington- - L. & S. | 30,171 | 22 | 7 | – | – | – | – | – | – | – | – | – | – | – | 1 | 1 | – | |
| St. Olave *WH*- - - - S. | 11,731 | 5 | 14 | – | 4 | – | – | – | – | 1 | – | 1 | – | – | 3 | 4 | 8 | |
| Bermondsey* *W* - - - S. | 85,475 | 60 | 23 | 11 | 5 | – | 1 | – | – | – | – | – | – | – | 2 | 4 | 1 | |
| Rotherhithe *WwH* - S. & K. | 40,379 | 24 | 11 | 3 | 2 | – | – | – | – | – | – | – | – | – | – | – | 4 | |
| Waterloo-road *HH* - L. & S. | 28,396 | 24 | 12 | 6 | 3 | – | – | – | – | – | – | – | – | 1 | 1 | 1 | 2 | |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 12 | 20 | 2 | 2 | – | – | – | 1 | – | – | 2 | – | – | 5 | 6 | 17 | |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 28 | 19 | 1 | 7 | – | – | – | 1 | – | – | – | – | – | 1 | 4 | 12 | |
| Kennington 1st *H* - - S. & L. | 52,486 | 39 | 14 | 3 | 7 | – | – | – | – | – | – | – | – | 1 | – | – | – | |
| Kennington 2nd - - S. & L. | 43,244 | 23 | 7 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | |
| Brixton *w* - - - L. & S. | 81,825 | 48 | 16 | 7 | 4 | – | – | – | – | 1 | – | – | – | – | – | 1 | – | |
| Norwood *WH*- - - - L. | 29,318 | 16 | 4 | 1 | 1 | – | – | 1 | – | – | – | – | – | – | – | 1 | – | |
| East Battersea - - - - S. | 71,730 | 45 | 10 | 4 | 2 | – | – | – | – | 1 | – | – | – | – | 1 | 1 | – | |
| West Battersea *WwH* - - S | 93,385 | 56 | 28 | 6 | 3 | – | – | – | 3 | – | – | – | – | 1 | 3 | 4 | 6 | |
| Clapham *H* - - - - S. | 46,953 | 24 | 11 | 1 | 4 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | |
| Wandsworth *WHHL* - - S. | 58,101 | 27 | 6 | 3 | 1 | – | – | – | – | 1 | – | – | – | – | 1 | 1 | – | |
| Putney - - - - - S. | 20,566 | 11 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Streatham *WwwwL* - - L. | 61,644 | 33 | 7 | 2 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | |
| Dulwich - - - - L. & S. | 7,519 | – | 3 | – | 2 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | |
| Camberwell *Wwll* - S. & L. | 90,286 | 59 | 56 | 8 | 21 | – | – | – | – | 1 | – | 2 | – | – | – | 1 | 32 | |
| Peckham *WW* - S., L., & K. | 88,242 | 50 | 26 | 8 | 6 | – | – | – | 1 | – | – | – | – | – | – | 1 | 1 | |
| St. George Camberwell - L. & S. | 67,029 | 46 | 14 | 4 | 1 | – | – | – | 1 | – | – | – | – | – | 1 | 1 | – | |
| Deptford North - - - K. | 36,152 | 26 | 13 | 10 | – | – | – | – | – | – | – | – | – | – | 1 | 1 | – | |
| Deptford Central *v* - - K. | 45,441 | 41 | 14 | 5 | 4 | – | – | 1 | 1 | – | – | – | – | – | – | – | 2 | |
| Deptford South - - - K. | 33,402 | 12 | 10 | 3 | 4 | – | – | – | – | – | – | – | – | – | – | – | – | |
| Greenwich West *H* - - K. | 23,012 | 19 | 5 | – | 3 | – | – | – | – | – | – | – | – | – | – | – | 1 | |
| Greenwich East *WH* - - K. | 37 767 | 19 | 23 | 4 | 9 | – | – | – | – | – | – | – | – | – | 2 | 3 | 11 | |
| Eltham *wH* - - - - K. | 5,911 | 2 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | |
| Lee *H* - - - - - K. | 24,222 | 9 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Lewisham *WwH* - - - K. | 38,139 | 19 | 19 | 4 | 8 | – | – | – | 1 | – | – | 2 | – | – | – | – | 7 | |
| Sydenham *H* - - - - L. | 37,601 | 23 | 8 | 3 | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | |
| Charlton *wHH* - - K. | 15,928 | 11 | 9 | – | – | – | – | 1 | 4 | – | – | 2 | – | – | – | – | 7 | |
| Woolwich Dockyard - - K. | 19,355 | 11 | 8 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 12 | 4 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Plumstead West *H* - - K. | 16,714 | 6 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Plumstead East *WH* - - K. | 42,538 | 38 | 11 | 5 | 2 | – | – | – | – | – | – | – | – | 1 | 1 | 1 | 3 | |
| Banstead Asylum - - - - | — | – | 4 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 4 | |
| Caterham Asylum - - - - | — | – | 2 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 2 | |
| Cane Hill Asylum - - - - | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | 1 | |
| Hospital Ships and Camp, Dartford | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Darenth Asylum - - - - | — | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | |
| London County Asylum, Dartford Heath - - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Hanwell Asylum - - - - | — | – | 8 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 8 | |
| Colney Hatch Asylum - - - | — | – | 4 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 4 | |
| N.E. Hospital - - - - - | — | – | 1 | – | – | – | – | 1 | – | – | – | – | – | – | – | – | 1 | |
| Winchmore Hill Hospital - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Leavesden Asylum - - - - | — | – | 4 | – | 1 | – | – | – | – | – | – | – | – | 1 | – | – | 4 | |
| Claybury Asylum - - - - | — | – | 6 | – | 3 | – | – | – | – | – | – | – | – | – | – | – | 6 | |

* The two Sub-Districts of Leather Market and St. James Bermondsey were united on 1st September, and called Bermondsey

TABLE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 12th November, 1898.

| Registration District and Sub-district Numbers. | REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years & upwds. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LONDON—OUTER RING - | 368,749 | 1,422,063 | 1053 | 425 | 115 | 112 | - | 4 | 3 | 11 | 7 | 10 | 8 | 13 | 31 | 61 | 5 |
| 30 : 1 | Carshalton *wHH* - - | 12,228 | 26,108 | 15 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Epsom, *part of** *WwHH* - | 10,423 | 12,508 | 2 | 3 | 1 | 2 | - | - | - | - | - | - | - | - | - | 3 | - |
| 37 : 1 | Godstone, *part of** *W* - | 2,754 | 1,598 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 38 : 1 | Croydon *WwHHH* - - | 20,851 | 128,699 | 73 | 35 | 6 | 14 | - | - | - | - | - | - | - | - | 1 | 8 | - |
| 2 | Mitcham *w* - - - | 11,697 | 23,072 | 11 | 5 | 2 | 1 | - | - | - | - | - | - | - | - | 1 | - | - |
| 39 : 1 | Wimbledon *HHH* - - | 3,220 | 25,777 | 24 | 8 | 5 | 1 | - | - | - | - | - | - | - | - | 3 | - | - |
| 2 | Kingston *W* - - - | 14,672 | 33,566 | 26 | 14 | 5 | 1 | - | - | - | - | 1 | - | - | 1 | 4 | 2 | - |
| 3 | Surbiton *H*- - - - | | 12,178 | 6 | 3 | - | 2 | - | - | - | - | - | 1 | - | - | 1 | 1 | - |
| 4 | Esher, *part of** *HH* - - | | 11,080 | 15 | 4 | 2 | 1 | - | - | - | - | 1 | - | - | - | - | - | - |
| 5 | Hampton *HL* - - - | 4,565 | 18,252 | 13 | 4 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 40 : 1 | Richmond *WH*- - - | 2,160 | 25,389 | 10 | 11 | 3 | 4 | - | - | - | - | 1 | - | - | - | - | 1 | - |
| 2 | Mortlake *H* - - - | 2,823 | 16,159 | 7 | 2 | - | - | - | - | - | - | - | - | - | 2 | 2 | - | - |
| 41 : 1 | Bromley *HHH* - - - | 9,127 | 23,815 | 17 | 10 | 2 | 4 | - | - | - | 1 | - | - | - | - | - | 3 | - |
| 2 | Beckenham *H* - - - | 6,542 | 21,969 | 8 | 6 | 2 | 2 | - | - | - | - | - | - | - | 1 | 1 | - | - |
| 3 | Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 10 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | - |
| 42 : 1 | Bexley *HHH* - - - | 12,540 | 30,590 | 30 | 9 | 2 | 1 | - | - | - | - | - | 1 | - | 1 | 1 | 2 | 1 |
| 2 | Dartford *WH, part of** - | — | — | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | - |
| 124 : 1 | Sunbury *w* - - - | 11,054 | 13,671 | 10 | 6 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Staines *WH* - - - | 13,277 | 13,221 | 11 | 5 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - |
| 125 : 1 | Hillingdon *WHH* - - | 6,035 | 12,237 | 3 | 6 | 1 | 4 | - | - | - | - | - | - | - | - | - | 1 | - |
| 2 | Uxbridge - - - - | 12,757 | 7,253 | 8 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Hayes *wH*- - - - | 7,952 | 11,051 | 9 | 3 | - | 3 | - | - | - | - | - | - | - | - | - | - | - |
| 126 : 1 | Isleworth *WHH* - - | 6,967 | 26,004 | 13 | 14 | 3 | 5 | - | - | - | 1 | - | - | 1 | - | - | 5 | - |
| 2 | Twickenham *HH* - - | 2,415 | 16,027 | 8 | 6 | 1 | 3 | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Brentford *HHHH* - - | 4,318 | 37,777 | 27 | 4 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 4 | Chiswick - - - - | 1,245 | 21,963 | 15 | 7 | 5 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 5 | Acton *wHH* - - - | 6,132 | 30,945 | 24 | 13 | - | 2 | - | - | 1 | - | - | - | - | 1 | 2 | 1 | - |
| 127 : 1 | Harrow *HHH* - - - | 13,809 | 15,715 | 12 | 8 | 2 | 1 | - | 2 | - | - | 2 | 2 | - | - | - | 1 | - |
| 2 | Edgware *HH* - - - | 6,994 | 3,844 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | 1 |
| 3 | Willesden *HHH* - - | 4,383 | 61,265 | 66 | 16 | 7 | 6 | - | - | - | 1 | - | - | - | - | - | 1 | - |
| 4 | Hendon *WH* - - - | 8,382 | 15,843 | 11 | 5 | 1 | 3 | - | - | - | - | - | - | - | - | - | 1 | - |
| 128 : 1 | South Mimms *HH* - - | 21,077 | 6,367 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Barnet *WHH* - - - | | 14,152 | 7 | 6 | - | 5 | - | - | - | - | - | - | - | - | - | 3 | - |
| 3 | Finchley *HHH*- - - | 4,688 | 25,820 | 11 | 2 | - | 2 | - | - | - | - | - | - | - | - | - | - | - |
| 129 : 1 | Hornsey *HH* - - - | 3,039 | 61,097 | 34 | 18 | 5 | 3 | - | - | - | 1 | - | - | 1 | - | 1 | - | - |
| 2 | Tottenham *HH*- - - | 4,642 | 97,174 | 72 | 25 | 12 | 1 | - | - | - | - | - | - | 2 | 1 | 1 | - | 1 |
| 3 | Edmonton *Www* - - | 7,489 | 36,351 | 30 | 8 | 1 | 4 | - | - | - | - | - | - | - | 1 | 2 | 3 | - |
| 4 | Enfield *WWHH* - - | 12,602 | 31,536 | 20 | 10 | 3 | 3 | - | - | - | - | - | - | 1 | - | - | 1 | - |
| 5 | Waltham Abbey - - - | 11,017 | 6,066 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 6 | Cheshunt *H* - - - | 8,480 | 9,620 | 7 | 2 | - | 1 | - | - | - | 1 | - | - | - | - | - | - | - |
| 135 : 1 | Hatfield, *part of** *W*- - | 3,306 | 582 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 137 : 1 | Bushey *H* - - - - | 9,331 | 7,737 | 3 | - | - | - | - | - | - | - | - | - | | - | - | - | - |
| 2 | Watford *WH, part of** - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 186 : 1 | Stratford *H* - - - | 4,706 | 38,612 | 33 | 13 | 5 | 1 | - | 1 | - | - | - | - | 2 | - | - | 1 | - |
| 2 | Plaistow *WHHH* - - | | 58,030 | 55 | 24 | 7 | 2 | - | 1 | 1 | 1 | - | 2 | - | - | 3 | 2 | 1 |
| 3 | Canning Town *H* - - | | 54,750 | 46 | 22 | 8 | 4 | - | - | - | 2 | - | 2 | 1 | 2 | 3 | 2 | 1 |
| 4 | Forest Gate *w* - - - | | 53,511 | 45 | 15 | 2 | 5 | - | - | - | 1 | - | - | - | 1 | 2 | - | - |
| 5 | East Ham *wH*- - - | 3,266 | 32,713 | 44 | 8 | 3 | 2 | - | - | - | - | - | 2 | - | - | 1 | - | - |
| 6 | Leyton *WWWwH* - - | 4,334 | 70,188 | 54 | 23 | 3 | 7 | - | - | - | - | 1 | - | - | - | - | 11 | - |
| 7 | Walthamstow *HHL*- - | 6,501 | 57,330 | 53 | 18 | 4 | 3 | - | - | - | - | - | - | - | 2 | 2 | 2 | - |
| 187 : 1 | Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 10 | 5 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | - |
| 2 | Epping *WH, part of** - - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 189 : 1 | Romford, *part of** *WH* - | 6,556 | 4,324 | 4 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Ilford - - - - - | 8,493 | 10,913 | 19 | 2 | 2 | - | - | - | - | - | 1 | - | - | - | - | - | - |
| 3 | Barking Town, *H* - - | 3,814 | 14,301 | 15 | 4 | 2 | - | - | - | - | 2 | - | - | - | - | - | 2 | - |
| | North-Eastern Fever Hosp., Tottenham. | — | — | - | 1 | - | - | - | - | 1 | - | - | - | - | - | - | 1 | |

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30 : 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37 : 1, the parishes of Warlingham and Farley in Godstone sub-district; 39 : 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41 : 3, Chislehurst sub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135 : 1, the parish of Northaw in Hatfield sub-district; 187 : 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (pop. 1,079); 189 : 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for Infectious Diseases belonging to the Outer Ring in 42 : 2, Dartford; 137 : 2, Watford; and 187 : 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 12th November, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | ANNUAL RATE of MORTALITY per 1000 living. From All Causes. | From Diseases in Cols. 8-14. | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Deaths in Public |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. | 1 |
| GREATER LONDON | **443,421** | **6,408,321** | **14·9** | **1·4** | **1831** | **443** | **471** | **–** | **23** | **20** | **42** | **20** | **37** | **25** | **84** | **51** |
| INNER LONDON - | 74,672 | 4,504,766 | 16·3 | 1·4 | 1406 | 328 | 359 | – | 19 | 17 | 31 | 13 | 27 | 17 | 71 | 4 |
| OUTER RING - | 368,749 | 1,903,555 | 11·6 | 1·2 | 425 | 115 | 112 | – | 4 | 3 | 11 | 7 | 10 | 8 | 13 | 6 |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent to the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

| CITIES | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. (Exclusive of Stillborn) | DEATHS. (Exclusive of Stillborn) | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM PRINCIPAL ZYMOTIC DISEASES. Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœal Diseases |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 295,628 | November 12 | 136 | 102 | 18·0 | – | 3 | 2 | 1 | 1 | – | |
| GLASGOW - - | 724,349 | " 12 | 451 | 277 | 19·9 | – | 4 | 5 | 3 | 7 | 12 | 1 |
| DUBLIN - - | 349,594 | " 12 | 206 | 201 | 30·0 | – | – | 3 | 2 | 4 | 5 | |
| CALCUTTA - - | 466,460 | October 8 | – | 249 | 27·8 | – | – | – | – | – | 72 | 4 |
| BOMBAY - - | 821,764 | " 25 | 268 | 668 | 42·3 | – | 3 | ? | ? | ? | 161‡ | 3 |
| MADRAS - - | 452,518 | " 14 | 510 | 408 | 46·8 | 2 | 4 | ? | ? | ? | 58 | 11 |
| PARIS - - - | 2,511,629 | November 5 | 1183 | 834 | 17·3 | – | 2 | 1 | 3* | 10 | 9 | 5 |
| BRUSSELS - - | 551,011 | " 5 | 233 | 151 | 14·2 | – | 4 | – | 1* | 1 | 1 | 1 |
| AMSTERDAM - | 508,266 | October 29 | 275 | 145 | 14·8 | – | 3 | – | 1 | 5 | 1 | |
| ROTTERDAM - | 303,878 | " 29 | 215 | 78 | 13·3 | – | – | – | 1 | 5 | 3 | – |
| THE HAGUE - | 196,325 | " 29 | 116 | 71 | 18·8 | – | 1 | – | – | 3 | – | – |
| COPENHAGEN - | 345,000 | November 5 | 209 | 113 | 17·1 | – | 2 | 2 | – | 4 | – | |
| STOCKHOLM - | 283,550 | October 29 | 136 | 89 | 16·3 | – | – | – | 3* | 3 | – | |
| CHRISTIANIA - | 203,337 | November 5 | 185 | 62 | 15·9 | – | – | 1 | 1 | – | – | |
| ST. PETERSBURG | 1,132,677 | October 29 | 505 | 505 | 23·3 | – | 8 | 11 | 24 | 9 | 22 | 4 |
| MOSCOW - - | 988,610 | " 29 | – | 488 | 25·7 | 5 | 3 | 12 | 8 | 3 | 7 | 7 |
| BERLIN - - | 1,773,003 | " 22 | 966 | 583 | 17·0 | – | 1 | 8 | 14 | 9 | – | 4 |
| HAMBURG - - | 661,015 | November 5 | – | 222 | 17·5 | – | – | – | 2* | 5 | 1 | 1 |
| DRESDEN - - | 385,300 | October 22 | – | – | – | – | – | – | – | – | – | – |
| BRESLAU - - | 392,795 | November 5 | – | 173 | 23·0 | – | – | 5 | 1* | 3 | – | 2 |
| MUNICH - - | 430,000 | " 5 | – | 163 | 19·7 | – | 1 | 1 | – | 1 | – | 2 |
| VIENNA - - | 1,590,295 | " 5 | 833 | 483 | 15·3 | – | 2 | 6 | 13* | 2 | – | 6 |
| PRAGUE - - | 382,029 | " 5 | 178 | 157 | 21·5 | – | 6 | 3 | 4 | – | 4 | |
| BUDA-PESTH - | 648,104 | October 29 | 407 | 253 | 20·3 | – | 11 | 9 | 3 | – | 3 | 1 |
| TRIESTE - - | 165,177 | " 29 | 88 | 83 | 26·0 | – | – | 4 | 2* | – | 2 | 1 |
| ROME - - - | 499,861 | " 15 | 235 | 165 | 17·2 | – | – | – | – | – | 13 | 2 |
| TURIN (10 days) | 344,203 | " 20 | – | – | – | – | – | – | – | – | – | – |
| VENICE - - | 169,515 | " 22 | 73 | 72 | 22·1 | – | – | – | 1* | – | – | |
| CAIRO - - | 570,062 | July 29 | 362 | 526 | 48·0 | – | 53 | – | 5* | 1 | 35 | 1 |
| ALEXANDRIA - | 319,766 | " 29 | 198 | 208 | 33·8 | 1 | 1 | – | 1* | – | 3 | |
| NEW YORK (including BROOKLYN) | 3,438,899 | October 22 | 1498 | 1140 | 17·3 | – | 4 | 6 | 23 | 11 | 24 | 5 |
| PHILADELPHIA - | 1,240,266 | " 22 | – | 389 | 16·4 | – | – | 4 | 29 | 4 | 17 | 1 |

* Including deaths from croup.
† Including 2 deaths from cholera in Calcutta, 1 in Bombay, and 7 in Madras.
‡ Including 109 deaths from plague.
§ Including 5 deaths from malarial fever.

| 1898. Month and Day | Phases of the Moon. | Barometer. Mean daily reading (corrected and reduced to 32° Fahrenheit). | Temperature. Of the Air. High-est. | Low-est | Daily Range. | Mean daily value. | Departure from Average of 50 years. | Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Great-est. | Least. | Degree of Humidity (Saturation equals 100). | Temperature. Of Radiation. Highest in Sun's Rays. | Lowest on the Grass. | Of the Earth 3 feet below the Surface. | Wind as deduced from Anemometers. Osler's. General Direction. A.M. | P.M. | Pressure on the Square Foot. Great-est. | Least. | Mean of 24 hourly obs. | Robinson's. Horizontal Movement of the Air on each Day. | Departure from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| November | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| Sunday - 6 | Last Qr. | 29·912 | 57·1 | 39·1 | 18·0 | 47·4 | + 1·9 | 44·7 | 2·7 | 10·3 | 0·0 | 90 | 104·1 | 27·8 | 53·77 | SW. | SSW. & SSE. | 0·2 | 0·0 | 0·0 | 150 | −128 | 0·00 | 0·0 |
| Monday - 7 | .. | 29·838 | 54·3 | 43·2 | 11·1 | 48·4 | + 3·3 | 43·4 | 5·0 | 9·8 | 0·0 | 83 | 111·3 | 31·0 | 53·44 | SSE. & SE. | SE. & SSE. | 1·6 | 0·0 | 0·1 | 181 | − 98 | 0·00 | 0·0 |
| Tuesday - 8 | .. | 29·875 | 56·1 | 41·8 | 14·3 | 48·9 | + 4·3 | 46·0 | 2·9 | 7·2 | 0·7 | 90 | 93·0 | 30·8 | 53·10 | SSE. & SE. | ESE., E. & ENE. | 0·6 | 0·0 | 0·0 | 144 | −135 | 0·00 | 0·0 |
| Wednesday 9 | In Equator | 29·997 | 58·6 | 47·7 | 10·9 | 52·3 | + 8·3 | 51·3 | 1·0 | 4·7 | 0·2 | 96 | 82·3 | 45·6 | 52·90 | ENE. & E. | ENE. & E. | 0·8 | 0·0 | 0·0 | 177 | −103 | 0·00 | 0·0 |
| Thursday - 10 | .. | 29·885 | 56·4 | 47·2 | 9·2 | 51·0 | + 7·4 | 50·2 | 0·8 | 3·8 | 0·2 | 97 | 71·4 | 33·3 | 52·80 | ENE., E. & ESE. | ENE. & E. | 0·5 | 0·0 | 0·0 | 151 | −130 | 0·00 | 0·0 |
| Friday - 11 | .. | 29·845 | 56·1 | 45·5 | 10·6 | 49·9 | + 6·7 | 48·7 | 1·2 | 4·8 | 0·0 | 96 | 83·2 | 32·0 | 52·90 | E. | E. & ESE. | 0·2 | 0·0 | 0·0 | 91 | −191 | 0·00 | 0·0 |
| Saturday - 12 | .. | 29·564 | 53·5 | 43·4 | 10·1 | 49·0 | + 6·1 | 48·2 | 0·8 | 2·2 | 0·0 | 97 | 74·2 | 43·0 | 52·92 | E. & ESE. | SE. & SSE. | 1·1 | 0·0 | 0·0 | 110 | −174 | 0·02 | 0·0 |
| Means - - | | 29·854 | 56·0 | 44·0 | 12·0 | 49·6 | + 5·4 | 47·5 | 2·1 | 6·1 | 0·2 | 93 | 88·5 | 34·8 | 53·12 | SE. & E. | | .. | .. | .. | Sum 1004 | Sum −959 | Sum 0·02 | 0·0 |
| No. of Column - | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| Date. November | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | General Remarks. |
|---|---|---|---|---|
| Sunday - 6 | w. P. throughout - | 7·4 | 9·3 | Dense fog till 9h. A.M.; very fine with small amounts of cloud afterwards. Brilliant solar halo observed at noon. |
| Monday - 7 | w. P. throughout - | 7·4 | 9·2 | Partially cloudy with low fog in the morning; very fine with little cloud till evening; overcast afterwards. |
| Tuesday - 8 | w. P. generally - | 5·7 | 9·2 | Fine and partially cloudy till noon; very fine and generally cloudless till 7h. P.M.; overcast afterwards. |
| Wednesday 9 | w. P. throughout - | 1·4 | 9·1 | Generally overcast; fine in afternoon; fog in morning and at night. |
| Thursday - 10 | w. P. throughout - | 1·3 | 9·1 | Overcast and foggy till noon; very fine and generally cloudless afterwards with fog at night. |
| Friday - 11 | w. P. throughout - | 3·7 | 9·0 | Dense fog prevalent till 11h. A.M.; very fine and cloudless till 6h. P.M.; overcast and foggy afterwards. |
| Saturday - 12 | w. P. generally; w. N. at 5h. P.M. | 0·3 | 9·0 | Generally overcast. Dense fog in morning. Slight showers in evening. |
| | | Sum 27·2 | Sum 63·9 | |
| No. of Col. - - | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer increased from 29·80 in. at the beginning of the week to 29·99 in. by 11h. A.M. on the 6th; decreased to 29·77 in. by 9h. P.M. on the 7th; increased to 30·04 in. by 10h. A.M. on the 9th; and decreased to 29·46 in. by the end of the week.

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1898.

OFFICIAL COPY.

# WEEKLY RETURN
OF
# BIRTHS AND DEATHS IN LONDON
AND IN
# THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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No. 46. 1898. VOL. LIX.] WEEK ENDING SATURDAY, NOV. 19. [Price 1½*d*.

*General Register Office, Somerset House,*
*November* 21*st*, 1898.

## THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 17·1 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000 :—

| TOWNS. | Weeks ending Oct. 29. | Nov. 5. | Nov. 12. | Nov. 19. | TOWNS. | Weeks ending Oct. 29. | Nov. 5. | Nov. 12. | Nov. 19. |
|---|---|---|---|---|---|---|---|---|---|
| 33 Great Towns | 17·9 | 17·0 | 17·3 | 17·1 | Leicester - - | 15·5 | 16·7 | 14·5 | 16·0 |
| Birkenhead - | 19·8 | 14·3 | 20·7 | 18·0 | Liverpool - - | 26·6 | 22·2 | 22·5 | 22·6 |
| Birmingham - | 21·3 | 18·8 | 18·0 | 15·9 | London - - - | 16·3 | 16·1 | 16·3 | 16·6 |
| Blackburn - | 24·3 | 20·7 | 18·0 | 20·4 | Manchester - - | 23·5 | 21·7 | 21·5 | 19·4 |
| Bolton - - | 20·0 | 16·6 | 17·5 | 15·8 | Newcastle-on-Tyne | 19·6 | 18·7 | 18·9 | 22·4 |
| Bradford - | 16·5 | 13·8 | 15·2 | 20·3 | Norwich - - | 14·0 | 17·7 | 21·5 | 18·2 |
| Brighton - | 14·5 | 20·0 | 19·2 | 14·5 | Nottingham - - | 15·2 | 18·5 | 16·6 | 16·1 |
| Bristol - | 14·3 | 13·0 | 13·7 | 16·0 | Oldham - - | 16·9 | 16·2 | 16·9 | 11·6 |
| Burnley - | 20·9 | 16·7 | 12·4 | 16·2 | Plymouth - - | 15·8 | 20·5 | 19·5 | 15·8 |
| Cardiff - - | 15·0 | 13·2 | 13·2 | 12·0 | Portsmouth - - | 15·9 | 15·1 | 17·6 | 16·2 |
| Croydon - | 9·6 | 6·7 | 11·3 | 8·8 | Preston - - | 20·6 | 18·8 | 23·3 | 24·2 |
| Derby - - | 13·9 | 10·4 | 11·9 | 10·9 | Salford - - - | 20·3 | 21·3 | 19·6 | 20·5 |
| Gateshead - | 22·1 | 16·6 | 22·6 | 15·6 | Sheffield - - | 22·5 | 17·8 | 16·8 | 17·8 |
| Halifax - | 13·5 | 13·5 | 15·6 | 18·3 | Sunderland - - | 23·2 | 18·1 | 15·2 | 18·1 |
| Huddersfield- | 12·7 | 12·2 | 15·8 | 16·8 | Swansea - - | 18·9 | 18·4 | 22·5 | 17·4 |
| Hull - - | 16·3 | 16·8 | 18·1 | 12·0 | West Ham - - | 12·9 | 14·7 | 14·9 | 13·8 |
| Leeds - - | 15·1 | 18·6 | 18·4 | 16·5 | Wolverhampton - | 24·9 | 18·4 | 19·0 | 23·1 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were :—from *measles*, 1·9 in Norwich and 2·2 in Nottingham ; from *scarlet fever*, 1·0 in Burnley ; from *whooping-cough*, 1·1 in Halifax ; from "*fever*," 1·0 in Derby, 1·2 in Sheffield, 1·4 in Norwich, 1·8 in Preston, and 2·3 in Birkenhead ; and from *diarrhœa*, 1·0 in Huddersfield, 1·8 in Sunderland, and 1·9 in Burnley. The 90 deaths from *diphtheria* included 44 in London, 8 in Sheffield, 7 in Liverpool, 6 in Swansea, 5 in Blackburn, 4 in Leeds, 3 in West Ham, 3 in Cardiff, and 3 in Leicester. No death from *small-pox* was registered in any of the thirty-three towns.

## LONDON.

In LONDON† 2585 BIRTHS and 1436 DEATHS were registered. Allowing for increase of population, the births were 99, and the deaths 249, below the average numbers in the corresponding weeks of the last ten

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

years. The annual death-rate per 1000 from all causes, which had been 16·3, 16·1, and 16·3 in the preceding three weeks, further rose last week to 16·6. During the four weeks ending on Saturday last the death-rate averaged 16·3 per 1000, being 2·8 per 1000 below the mean rate in the corresponding periods of the ten years 1888–97.

The 1436 deaths included 19 from measles, 12 from scarlet fever, 44 from diphtheria, 14 from whooping-cough, 28 from enteric fever, 16 from diarrhœa and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 133 deaths were referred to these diseases, being 64 below the corrected average weekly number.

The deaths from *measles*, which had been 19, 23, and 19 in the preceding three weeks, were again 19 last week, the corrected average being 57; 4 cases belonged to Clerkenwell, and 4 to Shoreditch sanitary areas. The deaths from *scarlet fever*, which had been 10, 13, and 17 in the preceding three weeks, fell again last week to 12, and were 11 below the corrected average; 2 cases belonged to Hammersmith, and 2 to Chelsea sanitary areas. The deaths from *diphtheria*, which had been 46, 28, and 31 in the preceding three weeks, rose again last week to 44, but were 5 below the corrected average; 6 cases belonged to Mile End Old Town, 4 to Lambeth, 4 to Battersea, and 3 to Bermondsey sanitary areas. The deaths from *whooping-cough*, which had been 13, 10, and 13 in the preceding three weeks, were 14 last week, the corrected average being 29. The fatal cases of *enteric fever*, which had been 20, 29, and 27 in the preceding three weeks, were 28 last week, the corrected average being 19; 4 cases belonged to Hackney, 4 to Poplar, 3 to Fulham, 3 to St. Pancras, 2 to Hammersmith, 2 to Bethnal Green, and 2 to Camberwell sanitary areas. The deaths from *diarrhœa*, which had been 33, 34, and 17 in the preceding three weeks, were 16 last week, the corrected average being 18. The deaths referred to diseases of the respiratory organs, which had been 263, 237, and 248 in the preceding three weeks, further rose last week to 285, but were 136 below the corrected average. The deaths attributed directly to *influenza* numbered 10, having been 10, 12, and 14 in the preceding three weeks.

Different forms of violence caused 67 deaths, concerning all but 1 of which inquests were held. Of these 67 deaths, 6 were cases of suicide, 1 of homicide, and 1 of execution, while the remaining 59 were attributed to accident or negligence. Eight of these were referred to vehicles in the streets, 8 to burns and scalds, 6 to drowning, and 15 (including 14 of infants under one year of age), to suffocation in bed.

## Cases of Infectious Sickness in Hospitals*.

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 3259 cases of scarlet fever, 1251 of diphtheria, and 252 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 319 cases, against 336, 318, and 340; of diphtheria, 187 cases, against 152, 174, and 179; and of enteric fever, 45 cases, against 45, 39, and 43.

## Greater London.

In Greater London 3575 births and 1894 deaths were registered, corresponding to annual rates of 29·1 and 15·4 per 1000 of the estimated population. In the Outer Ring 3 deaths from measles, 3 from scarlet fever, 21 from diphtheria, 8 from whooping-cough, 11 from "fever," and 9 from diarrhœa were registered. Six deaths from diphtheria and 6 from "fever" occurred in West Ham district.

## Meteorology.

The mean reading of the Barometer last week at Greenwich was 30·07 inches, and that of the Thermometer 48°·0; the latter being 5°·6 above the week's average in the 50 years 1841–90. The direction of the wind was variable, the horizontal movement of the air being 42 per cent. below the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 10·7 hours; the measured rainfall amounted to 0·02 of an inch.

* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Registered during the Week ending 19th November 1898. Births. | Registered during the Week ending 19th November 1898. Deaths. | Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Iolence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Annual Rate per 1000, corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6–12. | Temperature of the Air. Highest. (Fahrenheit.) | Lowest. (Fahrenheit.) | Mean. Fahrenheit. | Mean. Centigrade. | Rainfall. In Inches. | In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| **33 Towns** | **11,218,378** | **6537** | **3672** | **908** | **831** | **–** | **61** | **30** | **90** | **45** | **84** | **61** | **141** | **282** | **849** | **41** | **17·1** | **1·7** | **58·0** | **30·0** | **48·3** | **9·06** | **0·13** | **0·33** | **33 Towns.** |
| London | 4,504,766 | 2585 | 1436 | 310 | 355 | – | 19 | 12 | 44 | 14 | 28 | 16 | 67 | 137 | 467 | 6 | 16·6 | 1·5 | 55·8 | 35·6 | 48·0 | 8·89 | 0·02 | 0·05 | London. |
| West Ham | 286,654 | 165 | 76 | 22 | 7 | – | – | – | 3 | 1 | 2 | 3 | 5 | 7 | 13 | 1 | 13·8 | 1·6 | – | – | – | – | – | – | West Ham. |
| Croydon | 124,421 | 68 | 21 | 8 | 6 | – | – | 1 | – | – | – | – | 1 | 2 | 5 | – | 8·8 | 0·4 | 56·0 | 30·0 | 47·3 | 8·50 | 0·02 | 0·05 | Croydon. |
| Brighton | 122,310 | 53 | 34 | 10 | 11 | – | – | – | – | 1 | – | 2 | – | 1 | 6 | – | 14·5 | 1·3 | 58·0 | 39·0 | 49·6 | 9·78 | 0·03 | 0·08 | Brighton. |
| Portsmouth | 186,618 | 91 | 58 | 9 | 17 | – | 1 | 1 | 2 | – | 1 | – | – | 4 | 13 | – | 16·2 | 1·4 | – | – | – | – | – | – | Portsmouth. |
| Plymouth | 99,136 | 60 | 30 | 6 | 13 | – | – | – | – | – | – | – | 1 | 2 | 6 | – | 15·8 | – | – | – | – | – | – | – | Plymouth. |
| Bristol | 316,900 | 190 | 97 | 23 | 29 | – | – | – | – | 3 | 1 | 1 | 1 | 1 | 17 | – | 16·0 | 0·8 | – | – | – | – | – | – | Bristol. |
| Cardiff | 177,770 | 102 | 41 | 15 | 4 | – | – | – | 3 | 1 | 1 | 1 | 4 | 4 | 9 | – | 12·0 | 1·8 | – | – | – | – | – | – | Cardiff. |
| Swansea | 102,001 | 52 | 34 | 9 | 4 | – | – | 1 | 6 | 1 | – | – | – | 2 | 2 | 2 | 17·4 | 4·1 | – | – | – | – | – | – | Swansea. |
| Wolverhampton | 88,051 | 51 | 39 | 8 | 7 | – | – | 1 | – | – | – | – | 1 | 3 | 8 | – | 23·1 | 0·6 | 57·5 | 36·0 | 47·4 | 8·56 | 0·11 | 0·28 | Wolverhampton. |
| Birmingham | 510,343 | 324 | 156 | 42 | 26 | – | 2 | – | 2 | 1 | 2 | – | 5 | 5 | 32 | 3 | 15·9 | 0·7 | – | – | – | – | – | – | Birmingham. |
| Norwich | 111,699 | 72 | 39 | 10 | 8 | – | 4 | – | – | – | 3 | 2 | 2 | 3 | 9 | 1 | 18·2 | 4·2 | 54·4 | 40·4 | 49·0 | 9·44 | 0·21 | 0·53 | Norwich. |
| Leicester | 208,662 | 130 | 64 | 18 | 8 | – | – | 1 | 3 | – | 2 | 1 | 2 | 5 | 8 | 2 | 16·0 | 1·7 | – | – | – | – | – | – | Leicester. |
| Nottingham | 236,137 | 136 | 73 | 19 | 16 | – | 10 | – | 1 | 2 | – | 2 | 5 | 8 | 12 | 1 | 16·1 | 3·3 | 56·8 | 40·0 | 47·2 | 8·44 | 0·28 | 0·71 | Nottingham. |
| Derby | 104,834 | 54 | 22 | 6 | 7 | – | – | – | – | – | 2 | – | 1 | 4 | 3 | – | 10·9 | 1·0 | – | – | – | – | – | – | Derby. |
| Birkenhead | 113,189 | 73 | 39 | 12 | 5 | – | – | – | – | – | 5 | – | 2 | 9 | 6 | – | 18·0 | 2·3 | – | – | – | – | – | – | Birkenhead. |
| Liverpool | 633,645 | 464 | 275 | 71 | 59 | – | 9 | 4 | 7 | 3 | 3 | 8 | 8 | 13 | 67 | 7 | 22·6 | 2·8 | 56·8 | 39·4 | 48·6 | 9·22 | 0·09 | 0·23 | Liverpool. |
| Bolton† | 122,495 | 68 | 37 | 11 | 12 | – | – | – | – | 1 | 2 | – | – | 3 | 7 | – | 15·8 | 1·3 | – | – | – | – | – | – | Bolton.† |
| Manchester | 539,079 | 338 | 201 | 63 | 42 | – | 5 | 1 | – | 3 | 1 | 6 | 3 | 8 | 36 | 4 | 19·4 | 1·5 | – | – | – | – | – | – | Manchester. |
| Salford | 215,702 | 140 | 85 | 23 | 16 | – | 3 | 1 | 1 | – | 2 | 1 | 8 | 11 | 18 | 1 | 20·5 | 1·9 | – | – | – | – | – | – | Salford. |
| Oldham | 148,288 | 61 | 33 | 9 | 8 | – | – | – | – | – | 1 | – | – | 3 | 3 | – | 11·6 | 0·4 | – | – | – | – | – | – | Oldham. |
| Burnley | 109,546 | 47 | 34 | 11 | 8 | – | – | 2 | 1 | – | 1 | 4 | 1 | 2 | 5 | 2 | 16·2 | 3·8 | – | – | – | – | – | – | Burnley. |
| Blackburn | 133,228 | 59 | 52 | 13 | 12 | – | – | – | 5 | 2 | – | – | 2 | 2 | 1 | 1 | 20·4 | 2·7 | – | – | – | – | – | – | Blackburn. |
| Preston | 116,356 | 51 | 54 | 24 | 7 | – | – | – | – | 1 | 4 | 1 | 1 | 2 | 4 | – | 24·2 | 2·7 | – | – | – | – | – | – | Preston. |
| Huddersfield | 102,454 | 31 | 33 | 4 | 10 | – | – | – | – | – | – | 2 | – | – | 8 | – | 16·8 | 1·0 | 55·8 | 38·2 | 48·1 | 8·94 | 0·08 | 0·20 | Huddersfield. |
| Halifax | 96,729 | 37 | 34 | 11 | 9 | – | – | – | – | 2 | 1 | – | 1 | 1 | 4 | 2 | 18·3 | 1·6 | – | – | – | – | – | – | Halifax. |
| Bradford | 233,737 | 104 | 91 | 20 | 21 | – | – | – | – | – | 4 | 1 | 6 | 12 | 15 | – | 20·3 | 1·1 | 57·2 | 45.0 | 49·8 | 9·89 | 0·23 | 0·58 | Bradford. |
| Leeds | 416,618 | 257 | 132 | 38 | 30 | – | 3 | 3 | 4 | 3 | 5 | 1 | 1 | 7 | 16 | 2 | 16·5 | 2·4 | – | – | – | – | – | – | Leeds. |
| Sheffield | 356,478 | 253 | 122 | 32 | 28 | – | – | 2 | 8 | 2 | 8 | – | 1 | 3 | 14 | 4 | 17·8 | 2·9 | – | – | – | – | – | – | Sheffield. |
| Hull | 229,887 | 133 | 53 | 14 | 12 | – | 1 | – | – | – | 2 | 1 | 4 | 7 | 9 | – | 12·0 | 0·9 | 55·0 | 42·0 | 48·0 | 8·89 | 0·18 | 0·46 | Hull. |
| Sunderland | 143,849 | 97 | 50 | 11 | 8 | – | 2 | – | – | 1 | 2 | 5 | 1 | 3 | 6 | 1 | 18·1 | 3·6 | – | – | – | – | – | – | Sunderland. |
| Gateshead | 103,775 | 62 | 31 | 6 | 6 | – | 1 | – | – | – | – | 1 | 1 | 1 | 1 | – | 15·6 | 1·0 | – | – | – | – | – | – | Gateshead. |
| Newcastle | 223,021 | 129 | 96 | 20 | 20 | – | 1 | – | – | 3 | 1 | 2 | 6 | 7 | 19 | 1 | 22·4 | 1·6 | – | – | – | – | – | – | Newcastle. |

* See note * on first page of this return.

† The recent extension of the Borough of Bolton will not be taken into account in the Weekly Returns until 1899.

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the FORTY-SIXTH Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2606 | 2522 | 2321 | 2596 | 2510 | 2430 | 2494 | 2576 | 2675 | 2780 | 2684·4 | 2585 |
| Males - - - | 1335 | 1275 | 1151 | 1279 | 1293 | 1260 | 1268 | 1328 | 1375 | 1407 | 1364·9 | 1303 |
| Females - | 1271 | 1247 | 1170 | 1317 | 1217 | 1170 | 1226 | 1248 | 1300 | 1373 | 1319·5 | 1282 |
| TOTAL **Deaths** - | 1619 | 1451 | 1709 | 1629 | 1508 | 2016 | 1275 | 1510 | 1675 | 1617 | 1684·6 | 1436 |
| Males - - | 848 | 748 | 874 | 822 | 759 | 1016 | 644 | 758 | 815 | 838 | 854·7 | 728 |
| Females - - | 771 | 703 | 835 | 807 | 749 | 1000 | 631 | 752 | 860 | 779 | 829·9 | 708 |

*The numbers in this column are the average weekly numbers in the forty-sixth week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | Aug. 27. | Sept. 3. | Sept. 10. | Sept. 17. | Sept. 24. | Oct. 1. | Oct. 8. | Oct. 15. | Oct. 22, | Oct. 29. | Nov. 5. | Nov. 12. | Nov. 19. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** - - | 2551 | 2650 | 2446 | 2499 | 2574 | 2614 | 2554 | 2454 | 2468 | 2652 | 2530 | 2696 | 2585 |
| TOTAL **Deaths** - - - | 1856 | 1898 | 2007 | 1832 | 1863 | 1700 | 1620 | 1600 | 1497 | 1412 | 1394 | 1405 | 1436 |
| Ages at Death: Under 1 year - - | 886 | 837 | 929 | 786 | 764 | 619 | 498 | 415 | 351 | 350 | 357 | 328 | 310 |
| 1—5 years - - | 222 | 203 | 244 | 211 | 202 | 195 | 182 | 180 | 167 | 169 | 155 | 158 | 175 |
| 5—20 " - - | 64 | 83 | 76 | 64 | 86 | 76 | 76 | 95 | 93 | 82 | 73 | 76 | 103 |
| 20—40 " - - | 157 | 189 | 200 | 178 | 204 | 185 | 180 | 204 | 199 | 178 | 198 | 191 | 194 |
| 40—60 " - - | 236 | 259 | 241 | 270 | 269 | 293 | 314 | 324 | 320 | 282 | 276 | 293 | 299 |
| 60—80 " - - | 243 | 226 | 256 | 269 | 266 | 288 | 291 | 307 | 290 | 287 | 258 | 299 | 286 |
| 80 years and upwards | 48 | 51 | 61 | 54 | 72 | 44 | 79 | 75 | 77 | 64 | 77 | 60 | 69 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox - - - - - | - | - | - | - | - | - | - | 1 | - | - | - | - | - |
| Measles - - - - - | 20 | 11 | 16 | 8 | 12 | 10 | 7 | 9 | 12 | 19 | 23 | 19 | 19 |
| Scarlet Fever - - - | 7 | 5 | 8 | 3 | 9 | 10 | 7 | 7 | 14 | 10 | 13 | 17 | 12 |
| Diphtheria - - - - | 21 | 19 | 30 | 29 | 29 | 33 | 34 | 41 | 30 | 46 | 28 | 31 | 44 |
| Whooping-cough - - - | 32 | 29 | 40 | 25 | 31 | 29 | 18 | 17 | 10 | 13 | 10 | 13 | 14 |
| Typhus - - - - - | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| Enteric Fever - - - | 9 | 15 | 19 | 7 | 9 | 9 | 6 | 18 | 28 | 20 | 29 | 27 | 28 |
| Simple Continued Fever - | - | 1 | - | - | - | - | - | - | - | 2 | - | - | - |
| Diarrhœa and Dysentery .. | 461 | 431 | 433 | 397 | 347 | 247 | 138 | 99 | 48 | 33 | 34 | 17 | 16 |
| Cholera - - - - - - | 14 | 13 | 13 | 14 | 7 | 10 | 1 | 1 | - | 1 | - | - | - |
| All the above Diseases - | 564 | 524 | 559 | 483 | 444 | 348 | 211 | 193 | 142 | 144 | 138 | 124 | 133 |
| Dis. of Respiratory System - | 135 | 127 | 130 | 135 | 157 | 200 | 226 | 263 | 263 | 263 | 237 | 248 | 285 |
| Phthisis - - - - - | 107 | 144 | 140 | 133 | 127 | 147 | 148 | 173 | 169 | 139 | 135 | 155 | 184 |
| Dis. of Circulatory System - | 106 | 116 | 111 | 123 | 121 | 136 | 140 | 143 | 137 | 125 | 130 | 133 | 125 |
| Violence - - - - - | 73 | 60 | 71 | 96 | 58 | 66 | 76 | 56 | 52 | 63 | 50 | 71 | 67 |
| Inquest Cases - - - - | 150 | 124 | 135 | 166 | 133 | 147 | 147 | 145 | 121 | 135 | 114 | 143 | 137 |
| Deaths in Public Institutions - | 407 | 469 | 470 | 470 | 495 | 446 | 483 | 491 | 459 | 460 | 433 | 451 | 467 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean - - - - - - | 65°·4 | 61°·1 | 70°·4 | 66°·4 | 57°·2 | 52°·9 | 56°·1 | 49°·5 | 55°·3 | 55°·5 | 49°·8 | 49°·6 | 48°·0 |
| Mean of Highest readings - | 76·8 | 73·2 | 83·6 | 79·5 | 68·7 | 63·8 | 62·4 | 55·1 | 60·0 | 61·0 | 56·5 | 56·0 | 52·5 |
| Mean of Lowest readings - | 55·8 | 50·5 | 60·0 | 55·1 | 47·1 | 42·5 | 50·1 | 44·5 | 50·8 | 50·6 | 43·0 | 44·0 | 43·1 |
| Humidity of the Air - - | 73 | 67 | 68 | 64 | 75 | 72 | 82 | 86 | 87 | 82 | 79 | 93 | 89 |
| Rain-fall (in inches) - - | 0·14 | 0·08 | 0·00 | 0·02 | 0·12 | 0·16 | 0·02 | 0·42 | 1·42 | 1·03 | 0·52 | 0·02 | 0·02 |
| Registered Sunshine (in hours) | 45·1 | 60·7 | 59·7 | 56·8 | 33·8 | 42·4 | 18·3 | 12·5 | 10·9 | 22·2 | 28·7 | 27·2 | 10·7 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox - - - - - | 2 | 2 | 3 | 2 | 1 | - | - | - | - | - | - | - | - |
| Scarlet Fever - - - - | 2178 | 2240 | 2300 | 2319 | 2353 | 2459 | 2606 | 2728 | 2915 | 3031 | 3092 | 3188 | 3259 |
| Diphtheria - - - - | 903 | 869 | 893 | 916 | 964 | 1027 | 1052 | 1125 | 1169 | 1187 | 1241 | 1251 | 1251 |
| Enteric Fever - - - - | 115 | 118 | 119 | 127 | 128 | 155 | 176 | 191 | 214 | 223 | 230 | 242 | 252 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton: A. W. Preston, Esq., F.R.Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley Wolverhampton; Arthur Brown, Esq., M.Inst.C.E., and F. Jobbyer Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S. Preston; A. Johnson, Esq., M.Inst.C.E., Bradford; and Mr. E. Peak, Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-SIXTH Week of the Year 1898.

| CAUSES OF DEATH | Corrected Averages for the 46th Week of the 10 years 1888-97*. | In the Week ending Saturday, 19th November 1898. Deaths of Persons of the Ages: All Ages. | Under 20. 0–1. | 1–5. | 5–20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| CAUSES - - - | 1684·6 | 1436 | 310 | 175 | 103 | 194 | 299 | 286 | 69 |
| all- { Vaccinated† - | 0·1 | - | - | - | - | - | - | - | - |
| x { Unvaccinated | - | - | - | - | - | - | - | - | - |
| { No Statement | - | - | - | - | - | - | - | - | - |
| les - - - - | 57·4 | 19 | 4 | 14 | 1 | - | - | - | - |
| et Fever - - - | 23·4 | 12 | 1 | 8 | 3 | - | - | - | - |
| us - - - - | 0·2 | - | - | - | - | - | - | - | - |
| osing Fever - - | - | - | - | - | - | - | - | - | - |
| enza - - - - | 9·0 | 10 | 1 | - | 1 | 3 | 2 | 2 | 1 |
| oping-cough - - | 29·1 | 14 | 4 | 10 | - | - | - | - | - |
| theria - - | 48·6 | 44 | - | 22 | 20 | 1 | 1 | - | - |
| le Continued and defined Fever - | 0·1 | - | - | - | - | - | - | - | - |
| ric Fever - - - | 19·4 | 28 | - | - | 10 | 14 | 4 | - | - |
| era and Chol. Diarr. | 0·4 | - | - | - | - | - | - | - | - |
| rhœa, Dysentery - | 18·0 | 16 | 13 | 1 | - | - | 1 | 1 | - |
| ittent Fever - - | 0·1 | - | - | - | - | - | - | - | - |
| rophobia - - - | - | - | - | - | - | - | - | - | - |
| ders - - - - | 0·1 | - | - | - | - | - | - | - | - |
| pox and Effects of vaccination - - | 0·2 | - | - | - | - | - | - | - | - |
| rcal Affections - - | 9·4 | 5 | 2 | - | - | 1 | 1 | - | 1 |
| ipelas - - - | 4·9 | 1 | - | - | - | - | 1 | - | - |
| mia and Septicæmia | 2·8 | 1 | - | 1 | - | - | - | - | - |
| peral Fever - - | 5·3 | 4 | - | - | - | 4 | - | - | - |
| r Zymotic Diseases | 1·9 | - | - | - | - | - | - | - | - |
| ish - - - - | 0·8 | - | - | - | - | - | - | - | - |
| ns and other Parasical Diseases - | 0·4 | - | - | - | - | - | - | - | - |
| ration, Want of east-milk - - | 1·6 | 2 | 2 | - | - | - | - | - | - |
| holism - - - | 9·8 | 12 | - | - | - | 5 | 5 | 2 | - |
| matic Fever, eumatism of Heart | 9·9 | 6 | - | - | 2 | 4 | - | - | - |
| matism - - - | 2·3 | 3 | - | - | - | - | 2 | 1 | - |
| - - - - - | 2·0 | 2 | - | - | - | - | - | 2 | - |
| ets - - - - | 3·9 | 5 | 1 | 4 | - | - | - | - | - |
| er - - - - | 69·5 | 81 | - | - | 1 | 5 | 44 | 27 | 4 |
| s Mesenterica - - | 16·4 | 18 | 9 | 4 | 2 | 2 | 1 | - | - |
| rcular Meningitis - | 19·5 | 17 | 6 | 6 | 3 | 2 | - | - | - |
| isis - - - - | 161·5 | 184 | - | 5 | 16 | 78 | 76 | 9 | - |
| ula, Tuberculosis - | 17·2 | 15 | 9 | 4 | 1 | 1 | - | - | - |
| r Constitutional eases - - | 14·3 | 9 | 1 | - | 1 | 3 | 3 | 1 | - |
| nature Birth - - | 50·3 | 61 | 61 | - | - | - | - | - | - |
| ectasis - - - | 3·7 | 3 | 3 | - | - | - | - | - | - |
| enital Malformans - - - | 6·9 | 8 | 6 | 2 | - | - | - | - | - |
| Age - - - - | 46·2 | 56 | - | - | - | - | - | 28 | 28 |
| plexy - - - | 46·9 | 37 | - | - | 1 | 2 | 11 | 21 | 2 |
| epsy - - - - | 6·6 | 6 | - | - | 1 | 1 | 2 | 2 | - |
| ulsions - - - | 42·4 | 21 | 21 | - | - | - | - | - | - |
| r Diseases of Brain l Nervous System | 81·1 | 65 | 6 | 7 | 1 | 6 | 19 | 22 | 4 |
| ses of Organs of ecial Sense - | 3·4 | 6 | - | 1 | 3 | 2 | - | - | - |

| CAUSES OF DEATH | Corrected Averages for the 46th Week of the 10 years 1888-97*. | In the Week ending Saturday, 19th November 1898. Deaths of Persons of the Ages: All Ages. | Under 20. 0–1. | 1–5. | 5–20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 139·0 | 125 | 2 | 2 | 8 | 20 | 39 | 49 | 5 |
| Croup - - - - | 6·3 | 5 | - | 5 | - | - | - | - | - |
| Bronchitis - - - | 236·5 | 149 | 40 | 20 | 4 | 2 | 17 | 51 | 15 |
| Pneumonia - - - | 139·5 | 108 | 36 | 32 | 5 | 5 | 15 | 10 | 5 |
| Pleurisy - - - - | 6·3 | 8 | - | - | - | 2 | 3 | 3 | - |
| Other Diseases of Respiratory System - | 32.3 | 15 | 3 | 3 | - | 3 | 1 | 5 | - |
| Dentition - - - - | 6·0 | 8 | 5 | 3 | - | - | - | - | - |
| Quinsy, Sore Throat - | 2·3 | - | - | - | - | - | - | - | - |
| Enteritis - - - - | 13·9 | 22 | 12 | 5 | 1 | 2 | 1 | 1 | - |
| Peritonitis - - - | 6·7 | 8 | 1 | - | 2 | 3 | 2 | - | - |
| Diseases of Liver - - | 27·4 | 30 | 2 | - | - | 4 | 14 | 10 | - |
| Other Diseases of Digestive System | 29·3 | 17 | 4 | - | 1 | 4 | 3 | 5 | - |
| Diseases of Lymphatic System & of Ductless Glands - - - | 2·7 | 2 | - | - | 1 | 1 | - | - | - |
| Diseases of Urinary System - - - | 46·4 | 45 | - | 1 | 1 | 3 | 15 | 24 | 1 |
| Diseases of Generative System - - - | 6·6 | 6 | - | - | - | 4 | 1 | 1 | - |
| Accidents of Childbirth - | 5·1 | 2 | - | - | - | 1 | 1 | - | - |
| Diseases of Locomotive System - - - | 6·5 | 3 | - | - | - | 1 | 1 | 1 | - |
| Diseases of Integumentary System - - | 6·2 | 2 | - | - | - | - | - | 1 | 1 |
| VIOLENT DEATHS‡ (ACCIDENT.) | | | | | | | | | |
| By Railways - - - | 57·8 | 1 | - | - | - | - | 1 | - | - |
| By Vehicles or Horses - | | 8 | - | - | 4 | - | 1 | 2 | 1 |
| In Ships, Boats, Docks, (exclusive of Drowning) - - - | | 1 | - | - | - | 1 | - | - | - |
| In Building Operations - | | - | - | - | - | - | - | - | - |
| In Conflagrations - | | - | - | - | - | - | - | - | - |
| By Burns, Scalds, Explosions - - | | 8 | 1 | 4 | - | 2 | 1 | - | - |
| By Drowning - - - | | 6 | - | - | - | 1 | 3 | 2 | - |
| By Suffocation in Bed - | | 15 | 14 | 1 | - | - | - | - | - |
| By Poisons or Poisonous Vapours - - | | - | - | - | - | - | - | - | - |
| Other or not stated causes - - - - | | 20 | 3 | 1 | 3 | 1 | 7 | 5 | - |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - | 1·1 | 1 | - | - | 1 | - | - | - | - |
| Suicide - - - - | 5·9 | 6 | - | - | - | 2 | 4 | - | - |
| Execution - - - | 0·2 | 1 | - | - | - | 1 | - | - | - |
| OTHER CAUSES - | 53·2 | 43 | 37 | 4 | - | - | 1 | - | 1 |

he numbers in this column are the average weekly deaths for the ten years 1888-97, raised by 5·230 per cent. for increase population.

nly those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered ical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the e of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

he evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of dent, murder manslaughter or suicide. All such cases are classed under "accident."

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEA SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in SUB-DISTRICT during the Week ending Saturday, 19th November, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Continued Simple Fever. | Diarrhœa. | Violence. | Inquest Cases. | [illegible] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2585 | 1436 | 310 | 355 | - | 19 | 12 | 44 | 14 | - | 28 | - | 16 | 67 | 137 | 46 |
| WEST DISTRICTS - - - | 778,251 | 349 | 243 | 49 | 69 | - | 1 | 5 | 5 | 4 | - | 7 | - | 1 | 11 | 23 | 7 |
| NORTH DISTRICTS - - - | 1,040,694 | 598 | 298 | 63 | 72 | - | 2 | 2 | 8 | 3 | - | 9 | - | 2 | 13 | 26 | 10 |
| CENTRAL DISTRICTS - - - | 233,635 | 110 | 94 | 15 | 21 | - | 6 | - | 3 | - | - | 2 | - | - | 5 | 10 | 4 |
| EAST DISTRICTS - - - | 716,334 | 507 | 275 | 70 | 60 | - | 10 | - | 8 | 1 | - | 5 | - | 6 | 17 | 36 | 10 |
| SOUTH DISTRICTS - - - | 1,642,796 | 1021 | 503 | 113 | 125 | - | - | 3 | 20 | 6 | - | 5 | - | 7 | 20 | 41 | 11 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | — | - | 23 | - | 8 | - | - | 2 | - | - | - | - | - | - | 1 | 1 | 2 |
| WEST DISTRICTS. | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 42 | 30 | 7 | 9 | - | - | - | - | 2 | - | - | - | - | 2 | 3 | |
| St. John Paddington *H* - - G. | 33,510 | 3 | 10 | 2 | 3 | - | - | - | - | - | - | 1 | - | - | 1 | 3 | |
| Kensington Town *Ww* - - W. | 122,164 | 54 | 41 | 6 | 19 | - | - | - | - | 1 | - | - | - | - | - | 2 | 1 |
| Brompton *HH*- - - W. & C. | 48,301 | 9 | 8 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | |
| St. Peter Hammersmith - - W. | 9,097 | 3 | 1 | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - | |
| St. Paul Hammersmith *HH* W. & G. | 35,102 | 52 | 27 | 7 | 3 | - | - | - | - | - | - | 2 | - | - | 3 | 6 | |
| Fulham *Ww* - - - W. & C. | 113,781 | 83 | 40 | 10 | 7 | - | - | 5 | 2 | - | - | 1 | - | 1 | 1 | 2 | 1 |
| Chelsea Kensal Town - C. | 21,450 | 10 | 5 | 2 | - | - | 1 | - | - | - | - | 1 | - | - | - | - | |
| Chelsea North *WHHHHH* - C. | 42,057 | 15 | 15 | 2 | 4 | - | - | - | 1 | - | - | - | - | - | 2 | 2 | |
| Chelsea South *HH* - - C. | 33,139 | 16 | 11 | 3 | 2 | - | - | - | 1 | - | - | - | - | - | 2 | 2 | |
| May Fair *W* - - - - G. | 23,827 | 6 | 8 | - | 5 | - | - | - | - | - | - | - | - | - | - | 1 | |
| Belgrave *WHHH* - - - C. | 56,140 | 21 | 27 | 5 | 9 | - | - | - | 1 | - | - | 2 | - | - | - | 2 | 1 |
| St. John Westminster *HH* - C. | 31,492 | 18 | 5 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | |
| St. Margaret Westminster *H*- C. | 22,097 | 5 | 8 | 1 | 4 | - | - | - | - | - | - | - | - | - | - | - | |
| St. James Westminster *WHH* N. & G. | 23,050 | 6 | 5 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 6 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 |
| NORTH DISTRICTS. | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - - W. | 36,595 | 13 | 9 | 1 | 1 | - | - | - | - | - | - | 1 | - | 1 | 1 | 1 | 4 |
| Rectory Marylebone *W* G. & W. | 19,798 | 7 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 25 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | |
| Christchurch Marylebone *H* - W | 32,547 | 13 | 4 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | |
| St. John Marylebone *HHH* W. | 32,611 | 9 | 12 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 |
| Hampstead *WwHHHHH* - N. & W. | 75,449 | 34 | 22 | 1 | 8 | - | - | 1 | 2 | - | - | 3 | - | 1 | 1 | 2 | 14 |
| Regent's Park Pancras *HH* - W. | 37,341 | 21 | 8 | 1 | 1 | - | - | - | - | - | - | 1 | - | - | 1 | 2 | 1 |
| Tottenham-court *wHHHH* - N. & W. | 26,757 | 15 | 16 | 4 | 1 | - | - | - | 1 | - | - | - | - | - | 1 | 1 | 10 |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 22 | 7 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | 1 | 4 |
| Somers Town *HH* - - - N. | 32,161 | 15 | 9 | 2 | 2 | - | - | - | - | - | - | - | - | - | 1 | 3 | 2 |
| Camden Town *WH* - - N. | 16,669 | 13 | 4 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - | 2 |
| Kentish Town *WW* - - N. | 98,410 | 61 | 35 | 11 | 5 | - | - | 1 | - | - | - | 1 | - | - | 1 | 3 | 13 |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 63 | 55 | 6 | 14 | - | - | - | - | - | - | - | - | - | 1 | 1 | 35 |
| Islington South-west *H* - N. | 107,365 | 71 | 26 | 12 | 5 | - | 2 | - | - | 2 | - | - | - | - | - | 1 | - |
| Islington South-east - - N. | 66,549 | 42 | 14 | 4 | 1 | - | - | - | 1 | - | - | - | - | - | - | - | - |
| Highbury *HH* - - - N. | 64,577 | 35 | 12 | 2 | 7 | - | - | - | - | 1 | - | - | - | - | - | 1 | - |
| Stoke Newington *H* - - N. | 33,485 | 13 | 6 | 1 | 3 | - | - | - | - | - | - | - | - | - | 1 | 1 | - |
| North Hackney - - E. & N. | 213,044 | 19 | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - |
| Central Hackney *ww* - E. & N. | | 36 | 13 | 4 | 3 | - | - | - | 3 | - | - | 1 | - | - | 1 | 1 | 4 |
| South-west Hackney *HHH* E. & N. | | 46 | 20 | 5 | 4 | - | - | - | - | - | - | 2 | - | - | 1 | 2 | 3 |
| South-east Hackney *WwH* E. & N. | | 25 | 22 | 3 | 9 | - | - | - | 1 | - | - | - | - | - | 2 | 4 | 11 |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated the[illegible] namely: *W*—Worknouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers [illegible] received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junc[illegible] Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River E[illegible] London; and K. the Kent Company.

See note † on first page of this Return.

BLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday, 19th November, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population. 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Continued Fever. | Simple Fever. | Diarrhœa. | Violence | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CENTRAL DISTRICTS. | | | | | | | | | | | | | | | | | | | |
| George Bloomsbury - - N. | 16,110 | 3 | 3 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Giles South *WH* - - N. | 12,976 | 15 | 10 | 2 | 4 | – | – | – | – | – | – | – | – | – | – | – | – | 7 | – |
| Giles North *H* - - - N. | 9,151 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Martin-in-the-Fields *HH* N. & C. | 13,077 | 3 | 6 | – | 1 | – | – | – | – | – | – | 2 | – | – | – | – | – | 4 | – |
| nd *WHH* - - - - N. | 11,839 | 1 | 5 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | 3 | – |
| *nd Union Workhouse, Edmonton* | †1,037 | – | 2 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | 2 | – |
| orn *wHHHHHH* - N. | 31,042 | 10 | 10 | 3 | 1 | – | – | – | 1 | – | – | – | – | – | – | – | 1 | 7 | – |
| ames Clerkenwell - - N. | 15,777 | 8 | 5 | 1 | – | – | 1 | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| well Clerkenwell - - N. | 34,356 | 19 | 10 | 1 | 4 | – | 3 | – | – | – | – | – | – | – | – | 1 | 2 | – | – |
| well-street - - - - N. | 16,069 | 6 | 5 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| -road *HHHL* - - - N. | 29,897 | 27 | 10 | 2 | 2 | – | 2 | – | 1 | – | – | – | – | – | – | – | 1 | – | – |
| tecross-street - - - N. | 7,595 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| bury - - - - - N. | 4,035 | – | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| *orn Union Workhouse, tcham* - - - - | †892 | – | 2 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | 2 | – |
| otolph *H* - - N. & E. | 6,870 | 6 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| gate - - - - N. | 3,299 | 1 | 2 | 1 | – | – | – | – | 1 | – | – | – | – | – | – | – | – | – | – |
| epulchre *WH* - - - N. | 9,591 | 5 | 19 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | 3 | 5 | 15 | – |
| allows Barking - - - N. | 9,059 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| d Street *H* - - - N. | 2,892 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| *of London Asylum, Stone* - - | †388 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| EAST DISTRICTS. | | | | | | | | | | | | | | | | | | | |
| ditch South *Hl* - E. & N. | 17,975 | 11 | 4 | 2 | – | – | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 | – |
| on New Town *w* - - N. | 29,575 | 15 | 15 | 4 | 6 | – | – | – | 1 | – | – | – | – | – | 2 | 3 | 7 | – | – |
| on Old Town - - - N. | 27,645 | 20 | 6 | 3 | 1 | – | 1 | – | – | – | – | – | – | 1 | 1 | 2 | – | – | – |
| erston *WH* - - N. & E. | 47,163 | 34 | 24 | 4 | 7 | – | 2 | – | 2 | – | – | – | – | 1 | – | – | 10 | – | – |
| al Green North *H* - E. | 49,301 | 38 | 10 | 5 | – | – | 1 | – | – | – | – | – | – | 1 | 1 | 1 | – | – | – |
| al Green South - - E. | 34,194 | 30 | 8 | 5 | – | – | – | – | – | – | – | – | – | 1 | – | 3 | – | – | – |
| al Green East *WHl* - E. | 45,667 | 34 | 22 | 2 | 9 | – | – | – | 1 | – | – | – | – | – | – | – | 13 | – | – |
| fields - - - E. & N. | 26,681 | 25 | 8 | 3 | 3 | – | – | – | – | – | – | – | – | – | – | 1 | – | – | – |
| End New Town *W* - E. | 12,816 | 13 | 16 | 2 | 2 | – | 2 | – | – | – | – | – | – | – | – | 2 | 10 | – | – |
| chapel Church *H* - E. & N. | 25,561 | 21 | 20 | 4 | 3 | – | – | – | – | – | – | 1 | – | 1 | 2 | 2 | 17 | – | – |
| man's Fields - - - E. | 13,618 | 6 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| orge's North - - - E. | 39,576 | 31 | 14 | 5 | 1 | – | 1 | – | – | – | – | – | – | – | 1 | 3 | – | – | – |
| an, St. George East *W* E. | 7,930 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | 2 | – | – |
| yell *H* - - - E. & N. | 10,434 | 4 | 8 | 3 | – | – | – | – | 1 | – | – | – | – | – | – | 1 | 6 | – | – |
| ff *W* - - - - E. | 14,954 | 4 | 5 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| ouse - - - - - E. | 32,917 | 23 | 4 | – | 2 | – | – | – | – | 1 | – | – | – | – | – | – | – | – | – |
| nd Old Town West *H* E. | 111,060 | 59 | 18 | 8 | 3 | – | – | – | 2 | – | – | – | – | – | 1 | 3 | – | – | – |
| nd Old Town East *ww* - E. | | 42 | 35 | 7 | 13 | – | – | – | 1 | – | – | – | – | 1 | 4 | 4 | 16 | – | – |
| l - - - - E. | 41,687 | 20 | 6 | 3 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | 1 | – | – |
| ey *wwwH* - - - E. | 69,821 | 38 | 35 | 7 | 5 | – | 1 | – | – | – | – | 1 | – | – | 4 | 7 | 18 | – | – |
| *WW* - - - - E. | 57,759 | 39 | 14 | 3 | 4 | – | – | – | – | – | – | 3 | – | – | 1 | 3 | – | – | – |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 19th November, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Continued Simple Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WHL.&S.* | 13,064 | 4 | 4 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 1 |
| St. Saviour Southwark - - S. | 12,301 | 5 | 5 | 2 | – | – | – | – | – | – | – | 1 | – | – | 1 | 1 | – |
| Kent-road - - - - S. & L. | 22,879 | 15 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Borough-road *WH* - S. & L | 16,083 | 9 | 13 | 2 | 1 | – | – | – | – | – | – | – | – | 1 | 1 | 1 | 8 |
| London-road *HL* - - L. & S. | 21,316 | 10 | 8 | 1 | 2 | – | – | – | – | – | – | – | – | 1 | – | 1 | – |
| Trinity Newington - - S. & L. | 28,723 | 23 | 9 | – | 3 | – | – | – | 1 | – | – | – | – | – | – | 1 | – |
| St. Peter Walworth *W* - S. & L. | 62,045 | 43 | 15 | 5 | 2 | – | – | – | – | 1 | – | – | – | – | – | 2 | 1 |
| St. Mary Newington- - L. & S. | 30,171 | 22 | 7 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | – | – |
| St. Olave *WH* - - - - S. | 11,731 | 3 | 8 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | – | 6 |
| Bermondsey* *W* - - - S. | 85,475 | 72 | 22 | 7 | 3 | – | – | – | 1 | 1 | – | – | – | 1 | – | – | – |
| Rotherhithe *WwH* - S. & K. | 40,379 | 25 | 27 | 8 | 4 | – | – | – | – | 1 | – | – | – | – | 2 | 4 | 7 |
| Waterloo-road *HH* - L. & S. | 28,396 | 27 | 7 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 19 | 13 | 2 | 1 | – | – | – | – | – | – | – | – | 1 | 3 | 3 | 8 |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 23 | 26 | 3 | 12 | – | – | – | 1 | – | – | – | – | – | 1 | 3 | 16 |
| Kennington 1st *H* - - S. & L. | 52,486 | 31 | 9 | 4 | 2 | – | – | – | 1 | – | – | – | – | – | – | 2 | – |
| Kennington 2nd - - S. & L. | 43,244 | 19 | 4 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – |
| Brixton *w* - - - L. & S. | 81,825 | 49 | 22 | 4 | 5 | – | – | – | 2 | – | – | – | – | 1 | – | 1 | 1 |
| Norwood *WH* - - - - L. | 29,318 | 13 | 6 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | – | – |
| East Battersea - - - - S. | 71,730 | 45 | 13 | 5 | 4 | – | – | – | – | – | – | – | – | – | 2 | 4 | – |
| West Battersea *WwH* - - S | 93,385 | 47 | 25 | 6 | 9 | – | – | – | 1 | – | – | – | – | – | 1 | 3 | 7 |
| Clapham *H* - - - - S. | 46,953 | 25 | 11 | 1 | 4 | – | – | – | – | – | – | – | – | – | – | – | – |
| Wandsworth *WHHL* - - S. | 58,101 | 36 | 9 | 1 | 4 | – | – | – | – | – | – | – | – | – | – | – | – |
| Putney - - - - - S. | 20,566 | 9 | 11 | 1 | 3 | – | – | – | 1 | 1 | – | – | – | – | 1 | 1 | – |
| Streatham *WwwwL* - - L. | 61,644 | 41 | 17 | 4 | 4 | – | – | 1 | 2 | – | – | – | – | – | – | 1 | 4 |
| Dulwich - - - - L. & S. | 7,519 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Camberwell *Wwll* - S. & L. | 90,286 | 45 | 47 | 4 | 15 | – | – | – | – | – | – | – | – | – | 3 | 3 | 25 |
| Peckham *WW* - S., L., & K | 88,242 | 59 | 26 | 10 | 5 | – | – | – | 1 | 1 | – | 1 | – | 1 | 1 | 1 | – |
| St. George Camberwell - L. & S. | 67,029 | 47 | 26 | 12 | 5 | – | – | – | – | 1 | – | – | – | – | – | 1 | – |
| Deptford North - - - K. | 36,152 | 30 | 8 | 2 | – | – | – | – | – | – | – | – | – | – | 1 | 1 | – |
| Deptford Central *w* - - K. | 45,441 | 26 | 6 | – | 1 | – | – | 2 | – | – | – | – | – | – | – | 1 | 2 |
| Deptford South - - - K. | 33,402 | 16 | 9 | 2 | 2 | – | – | – | – | – | – | 1 | – | – | – | 1 | – |
| Greenwich West *H* - - K. | 23,012 | 15 | 5 | – | 3 | – | – | – | – | – | – | – | – | – | – | – | – |
| Greenwich East *WH* - - K. | 37 767 | 26 | 19 | 4 | 4 | – | – | – | – | – | – | – | – | 1 | 2 | 2 | 9 |
| Eltham *wH* - - - - K. | 5,911 | 1 | 3 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| Lee *H* - - - - - K. | 24,222 | 8 | 5 | – | – | – | – | – | – | – | – | 1 | – | – | – | – | 2 |
| Lewisham *WwH* - - - K. | 38,139 | 26 | 14 | – | 3 | – | – | – | 5 | – | – | 1 | – | – | 1 | 2 | 10 |
| Sydenham *H* - - - - L. | 37,601 | 25 | 3 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| Charlton *wHH* - - K. | 15,928 | 8 | 8 | – | 1 | – | – | – | 4 | – | – | – | – | – | – | – | 6 |
| Woolwich Dockyard - - K. | 19,355 | 12 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 10 | 5 | 1 | 3 | – | – | – | – | – | – | – | – | – | – | – | – |
| Plumstead West *H* - - K. | 16,714 | 14 | 7 | 2 | 4 | – | – | – | – | – | – | – | – | – | – | – | – |
| Plumstead East *WH* - - K. | 42,538 | 36 | 17 | 8 | 3 | – | – | – | – | – | – | – | – | – | – | 1 | 5 |
| Banstead Asylum - - - - | — | – | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – | 3 |
| Caterham Asylum - - - - | — | – | 3 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| Cane Hill Asylum - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Hospital Ships and Camp, Dartford | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Darenth Asylum - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| London County Asylum, Dartford Heath - - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Hanwell Asylum - - - - | — | – | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| Colney Hatch Asylum - - - | — | – | 5 | – | 3 | – | – | – | – | – | – | – | – | – | 1 | 1 | – |
| N.E. Hospital - - - - - | — | – | 2 | – | – | – | – | 2 | – | – | – | – | – | – | – | – | – |
| Winchmore Hill Hospital - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Leavesden Asylum - - - - | — | – | 4 | – | 3 | – | – | – | – | – | – | – | – | – | – | – | – |
| Claybury Asylum - - - - | — | – | 4 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |

*The two Sub-Districts of Leather Market and St. James Bermondsey were united on 1st September, and call Bermondsey

e 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week nding Saturday, 19th November, 1898.

| REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years & upwds. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NDON—OUTER RING - | 368,749 | 1,422,063 | 990 | 458 | 129 | 107 | - | 3 | 3 | 21 | 8 | 11 | 9 | 15 | 30 | 49 | 5 |
| Carshalton *wHH* - - | 12,228 | 26,108 | 12 | 2 | - | - | - | - | - | - | - | - | - | 1 | 2 | - | - |
| Epsom, *part of** *WwHH* - | 10,423 | 12,508 | 6 | 6 | 1 | 2 | - | - | 1 | - | - | 1 | - | - | - | 3 | - |
| Godstone, *part of** *W* - | 2,754 | 1,598 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Croydon *WwHHH* - - | 20,851 | 128,699 | 85 | 31 | 9 | 7 | - | - | 1 | 1 | - | - | 1 | 2 | 3 | 7 | - |
| Mitcham *w* - - - | 11,697 | 23,072 | 11 | 7 | 1 | 4 | - | - | - | - | - | - | - | - | - | - | 1 |
| Wimbledon *HHH* - - | 3,220 | 25,777 | 15 | 6 | 1 | 1 | - | - | - | - | - | - | - | 1 | 1 | - | - |
| Kingston *W* - - - | 14,672 | 33,566 | 18 | 13 | 1 | 5 | - | 1 | - | - | - | - | - | - | 1 | 4 | - |
| Surbiton *H-* - - - | | 12,178 | 5 | 5 | 1 | 2 | - | - | - | - | - | - | - | - | - | 1 | - |
| Esher, *part of** *HH* - - | | 11,080 | 3 | 1 | - | 1 | - | - | - | - | - | - | - | - | 1 | - | - |
| Hampton *HL* - - - | 4,565 | 18,252 | 11 | 5 | 1 | 4 | - | - | - | - | - | - | - | - | - | - | - |
| Richmond *WH* - - - | 2,160 | 25,389 | 13 | 6 | 3 | - | - | - | - | - | - | - | - | - | - | - | - |
| Mortlake *H* - - - | 2,823 | 16,159 | 7 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| Bromley *HHH* - - - | 9,127 | 23,815 | 9 | 6 | 3 | - | - | - | - | 1 | - | - | - | - | 1 | 1 | - |
| Beckenham *H* - - - | 6,542 | 21,969 | 11 | 3 | - | 2 | - | - | - | - | - | - | - | - | - | - | - |
| Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 9 | 5 | 3 | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Bexley *HHH* - - - | 12,540 | 30,590 | 19 | 14 | 5 | 1 | - | - | - | 1 | - | 1 | 1 | 1 | 1 | - | - |
| Dartford *WH, part of** - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Sunbury *w* - - - | 11,054 | 13,671 | 7 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| Staines *WH* - - - | 13,277 | 13,221 | 10 | 5 | 1 | 3 | - | - | - | 1 | - | - | - | - | - | - | - |
| Hillingdon *WHH* - - | 6,035 | 12,237 | 13 | 2 | - | - | - | - | - | 2 | - | - | - | - | - | 2 | - |
| Uxbridge - - - - | 12,757 | 7,253 | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Hayes *wH* - - - - | 7,952 | 11,051 | 6 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| Isleworth *WHH* - - | 6,967 | 26,004 | 19 | 12 | 6 | 4 | - | - | - | - | 1 | - | - | - | - | 3 | - |
| Twickenham *HH* - - | 2,415 | 16,027 | 5 | 4 | - | 2 | - | - | - | 1 | - | - | - | - | - | - | - |
| Brentford *HHHH* - - | 4,318 | 37,777 | 13 | 10 | 6 | 2 | - | - | - | - | - | - | - | 1 | 1 | - | - |
| Chiswick - - - - | 1,245 | 21,963 | 14 | 12 | 1 | 6 | - | - | - | - | - | - | - | - | - | - | - |
| Acton *wHH* - - - | 6,132 | 30,945 | 16 | 10 | 2 | 3 | - | - | - | 1 | - | - | 1 | 1 | 1 | - | 1 |
| Harrow *HHH* - - - | 13,809 | 15,715 | 12 | 1 | - | - | - | 1 | - | - | - | - | - | - | - | - | - |
| Edgware *HH* - - - | 6,994 | 3,844 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Willesden *HHH* - - | 4,383 | 61,265 | 69 | 21 | 9 | 5 | - | - | - | 2 | - | - | - | 1 | 1 | 2 | - |
| Hendon *WH* - - - | 8,382 | 15,843 | 7 | 7 | - | 3 | - | - | - | - | 1 | - | - | - | 1 | 1 | - |
| South Mimms *HH* - - | 21,077 | 6,367 | 4 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| Barnet *WHH* - - - | | 14,152 | 7 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Finchley *HHH* - - - | 4,688 | 25,820 | 13 | 6 | 4 | - | - | - | - | 1 | 2 | - | - | - | 1 | - | - |
| Hornsey *HH* - - - | 3,039 | 61,097 | 43 | 13 | 1 | 5 | - | - | - | 1 | - | - | - | - | - | - | - |
| Tottenham *HH-* - - | 4,642 | 97,174 | 78 | 37 | 18 | 8 | - | 1 | - | 1 | - | 1 | 1 | 1 | 3 | 1 | - |
| Edmonton *Www* - - | 7,489 | 36,351 | 20 | 11 | 2 | 5 | - | - | - | - | - | - | - | - | - | - | - |
| Enfield *WWHH* - - | 12,602 | 31,536 | 17 | 8 | - | 2 | - | - | - | 1 | - | 1 | - | - | - | 1 | - |
| Waltham Abbey - - - | 11,017 | 6,066 | 3 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| Cheshunt *H* - - - | 8,480 | 9,620 | 3 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| Hatfield, *part of** *W* - - | 3,306 | 582 | - | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| Bushey *H* - - - - | 9,331 | 7,737 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Watford *WH, part of** - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Stratford *H* - - - | 4,706 | 38,612 | 33 | 13 | 3 | 2 | - | - | - | - | - | - | 2 | - | - | - | - |
| Plaistow *WHHH* - - | | 58,030 | 59 | 25 | 10 | 1 | - | - | - | 1 | - | - | - | - | 1 | 2 | 2 |
| Canning Town *H* - - | | 54,750 | 44 | 17 | 5 | - | - | - | - | 1 | - | 1 | 1 | 3 | 3 | 2 | 1 |
| Forest Gate *w* - - - | | 53,511 | 29 | 12 | 4 | 2 | - | - | - | 1 | - | - | - | 1 | 2 | - | - |
| East Ham *wH* - - - | 3,266 | 32,713 | 55 | 27 | 10 | 4 | - | - | 1 | 2 | 1 | 2 | 1 | 1 | 2 | - | - |
| Leyton *WWWwH* - - | 4,334 | 70,188 | 44 | 37 | 5 | 9 | - | - | - | - | 3 | 2 | 1 | 1 | 1 | 13 | - |
| Walthamstow *HHL* - - | 6,501 | 57,330 | 60 | 24 | 9 | 4 | - | - | - | 1 | - | 1 | - | - | 2 | 1 | - |
| Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 5 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Epping *WH, part of** - - | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Romford, *part of** *WH* - | 6,556 | 4,324 | 3 | 4 | - | 2 | - | - | - | - | - | 1 | - | - | - | - | - |
| Ilford - - - - - | 8,493 | 10,913 | 12 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| Barking Town, *H* - - | 3,814 | 14,301 | 22 | 3 | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| Western Fever Hospital, Fulham. | — | — | - | 1 | - | - | - | - | - | 1 | - | - | - | - | - | 1 | - |
| Middlesex Co. Lunatic Asy., Wandsworth. | — | — | - | 3 | - | 1 | - | - | - | - | - | - | - | - | - | 3 | - |

e parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring follows:—30: 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37: 1, the parishes of Warlingham rley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst strict, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in d sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping .079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for ous Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford; and 187: 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 19th November, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | Annual Rate of Mortality per 1000 living. From All Causes. | Annual Rate of Mortality per 1000 living. From Diseases in Cols. 8-14. | Deaths from All Causes. | The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. |
| GREATER LONDON | **443,421** | **6,408,321** | **15·4** | **1·5** | **1894** | **439** | **462** | – | **22** | **15** | **65** | **22** | **39** | **25** | **82** |
| INNER LONDON - | 74,672 | 4,504,766 | 16·6 | 1·5 | 1436 | 310 | 355 | – | 19 | 12 | 44 | 14 | 28 | 16 | 67 |
| OUTER RING - | 368,749 | 1,903,555 | 12·5 | 1·5 | 458 | 129 | 107 | – | 3 | 3 | 21 | 8 | 11 | 9 | 15 |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

| CITIES | Population (enumerated or estimated). | Date of Return. Week ending | Births. (Exclusive of Stillborn) | Deaths. (Exclusive of Stillborn) | Annual Death-rate per 1000 living. | Deaths from Principal Zymotic Diseases. Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 295,628 | November 19 | 162 | 123 | 21·7 | – | 5 | 2 | 1 | 2 | 3 |
| GLASGOW - - | 724,349 | „ 19 | 433 | 264 | 19·0 | – | 1 | 6 | 3 | 5 | 8 |
| DUBLIN - - | 349,594 | „ 19 | 247 | 186 | 27·7 | – | – | – | 1 | 2 | 4 |
| CALCUTTA - - | 466,460 | October 15 | – | – | – | – | – | – | – | – | – |
| BOMBAY - - | 821,764 | November 1 | 229 | 618 | 39·1 | – | 3 | ? | ? | ? | 130† |
| MADRAS - - | 452,518 | October 21 | 396 | 398 | 45·7 | – | 4 | ? | ? | ? | 42 |
| PARIS - - - | 2,511,629 | November 12 | 1131 | 814 | 16·8 | – | 1 | 1 | 4* | 2 | 7 |
| BRUSSELS - - | 551,011 | „ 12 | 281 | 185 | 17·5 | – | 1 | 1 | 2* | 2 | 1 |
| AMSTERDAM - | 508,266 | „ 5 | 275 | 167 | 17·0 | – | 5 | – | 1 | 4 | 1 |
| ROTTERDAM - | 303,878 | „ 5 | 201 | 93 | 15·8 | – | – | – | – | 2 | 1 |
| THE HAGUE - | 196,325 | „ 5 | 111 | 49 | 13·0 | – | – | 1 | – | 3 | – |
| COPENHAGEN - | 345,000 | „ 12 | 149 | 100 | 15·1 | – | 3 | 1 | 3 | 1 | 1 |
| STOCKHOLM - | 283,550 | „ 5 | 129 | 100 | 18·3 | – | 2 | 1 | 4* | 1 | – |
| CHRISTIANIA - | 2[illegible]3,337 | „ 12 | 124 | 65 | 16·6 | – | – | – | – | – | – |
| ST. PETERSBURG | 1,132,677 | „ 5 | 680 | 449 | 20·7 | – | 4 | 16 | 23 | 10 | 18 |
| MOSCOW - - | 988,610 | „ 5 | – | 453 | 23·9 | 2 | 2 | 7 | 12 | 6 | 11 |
| BERLIN - - | 1,773,003 | October 29 | 890 | 599 | 17·4 | – | 1 | 10 | 7 | 7 | 4 |
| HAMBURG - - | 661,015 | November 12 | – | 185 | 14·6 | – | – | – | 1* | 6 | 1 |
| DRESDEN - - | 385,300 | October 29 | – | 115 | 15·5 | – | – | – | 2* | 1 | – |
| BRESLAU - - | 392,795 | November 12 | – | 142 | 18·9 | – | – | 2 | 1 | 2 | 1 |
| MUNICH - - | 430,000 | „ 12 | – | 200 | 24·2 | – | 1 | 2 | 4* | 3 | 1 |
| VIENNA - - | 1,590,295 | „ 12 | 755 | 469 | 15·2 | – | 5 | 5 | 4* | – | 4 |
| PRAGUE - - | 382,029 | „ 12 | 208 | 159 | 21·7 | – | 5 | 4 | 9 | – | 1 |
| BUDA-PESTH - | 648,104 | „ 5 | 427 | 275 | 21·1 | – | 16 | 8 | 2 | 1 | 3 |
| TRIESTE - - | 165,177 | „ 5 | 115 | 84 | 27·3 | – | – | 5 | 1* | – | 5 |
| ROME - - - | 499,861 | „ 22 | 191 | 145 | 15·1 | – | – | – | – | 1 | 12§ |
| TURIN (11 days) | 344,203 | October 31 | 216 | 195 | 18·8 | – | – | – | 2 | 2 | 5 |
| VENICE - - | 169,545 | „ 29 | 74 | 76 | 23·4 | – | – | – | – | 2 | 5 |
| CAIRO - - | 570,062 | August 5 | 406 | 555 | 50·6 | – | 47 | – | 6* | – | 41 |
| ALEXANDRIA - | 319,766 | „ 5 | 233 | 211 | 34·3 | 2 | – | – | – | – | 10 |
| NEW YORK (including BROOKLYN) | 3,438,899 | October 29 | 1530 | 1133 | 17·2 | – | 1 | 6 | 18 | 4 | 23 |
| PHILADELPHIA - | 1,240,266 | „ 29 | – | – | – | – | – | – | – | – | – |

* Including deaths from croup.
† Including 75 deaths from "plague."
‡ Including 1 death from cholera in Bombay and 11 in Madras.
§ Including 6 deaths from malarial fever.

| 1898. Month and Day | | Phases of the Moon. | Barometer. Mean daily reading (corrected and reduced to 32° Fahrenheit). | Temperature. Of the Air. High-est. | Low-est | Daily Range. | Mean daily value. | Departure from Average of 50 years. | Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Great-est. | Least. | Degree of Humidity (Saturation equals 100). | Temperature. Of Radiation. Highest in Sun's Rays. | Lowest on the Grass. | Of the Earth 3 feet below the Surface. | Wind as deduced from Anemometers. Osler's. General Direction. A.M. | P.M. | Pressure on the Square Foot. Great-est. | Least. | Mean of 24 hourly obs. | Robinson's. Horizontal Movement of the Air on each Day. | Departure from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOVEMBER | | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| SUNDAY - | 13 | .. | 29·814 | 55·0 | 41·2 | 13·8 | 47·0 | + 4·2 | 43·6 | 3·4 | 6·4 | 0·7 | 88 | 78·3 | 29·1 | 52·91 | WSW. | WSW., NE. & S. | 0·5 | 0·0 | 0·0 | 171 | −116 | 0·00 | 0·0 |
| MONDAY - | 14 | New | 30·136 | 50·1 | 35·6 | 14·5 | 43·0 | + 0·4 | 41·5 | 1·5 | 5·2 | 0·0 | 95 | 80·6 | 29·0 | 52·88 | SW., calm & S. | W. & SSW. | 0·2 | 0·0 | 0·0 | 105 | −185 | 0·00 | 0·0 |
| TUESDAY - | 15 | Greatest Dec. S. Perigee | 30·123 | 52·5 | 41·4 | 11·1 | 48·9 | + 6·4 | 44·3 | 4·6 | 8·0 | 1·1 | 84 | 64·4 | 33·1 | 52·56 | SSW., SW. & WSW. | SW. & SSW. | 0·9 | 0·0 | 0·0 | 189 | −104 | 0·01 | 0·2 |
| WEDNESDAY | 16 | | 30·071 | 55·8 | 50·0 | 5·8 | 52·9 | +10·5 | 51·3 | 1·6 | 3·8 | 0·6 | 94 | 61·7 | 45·5 | 52·30 | SSW., SW. & WSW. | WSW., SW. & S. | 0·7 | 0·0 | 0·0 | 170 | −126 | 0·01 | 0·8 |
| THURSDAY- | 17 | .. | 30·139 | 54·3 | 48·7 | 5·6 | 51·9 | + 9·6 | 49·9 | 2·0 | 3·0 | 0·0 | 93 | 58·9 | 40·2 | 52·32 | SW., calm & variable. | NE., ENE. & E. | 0·6 | 0·0 | 0·0 | 107 | −191 | 0·00 | 0·0 |
| FRIDAY - | 18 | .. | 30·158 | 52·1 | 43·5 | 8·6 | 47·5 | + 5·3 | 42·4 | 5·1 | 8·4 | 0·7 | 82 | 92·5 | 39·5 | 52·48 | ESE., E. & ENE. | E., ENE. & NE. | 3·4 | 0·0 | 0·2 | 272 | − 27 | 0·00 | 0·0 |
| SATURDAY - | 19 | .. | 30·032 | 47·5 | 41·1 | 6·4 | 44·8 | + 2·6 | 40·5 | 4·3 | 5·9 | 1·8 | 85 | 78·7 | 27·9 | 52·39 | E., ENE. & NE. | E. | 4·3 | 0·0 | 0·2 | 191 | −109 | 0·00 | 0·0 |
| MEANS - - | | | 30·068 | 52·5 | 43·1 | 9·4 | 48·0 | + 5·6 | 44·8 | 3·2 | 5·8 | 0·7 | 89 | 73·6 | 34·9 | 52·55 | SW. & ENE. | | .. | .. | .. | Sum 1205 | Sum −858 | Sum 0·02 | 0·1 |
| No. of Column - | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| DATE. NOVEMBER | | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | GENERAL REMARKS. |
|---|---|---|---|---|---|
| SUNDAY - | 13 | w. P. throughout - | 1·6 | 8·9 | Cloudy till afternoon; cloudless afterwards with variable fog at night. |
| MONDAY - | 14 | w. P. generally - | 1·8 | 8·9 | Fine with fog of variable density throughout. Slight gloom occasionally during the afternoon. |
| TUESDAY - | 15 | w. P. throughout - | 0·0 | 8·8 | Generally overcast with occasional slight rain. Fog in morning. |
| WEDNESDAY | 16 | w. P. throughout - | 0·0 | 8·8 | Generally overcast; fine in afternoon. Occasional slight showers in early morning; fog at night. |
| THURSDAY- | 17 | w. P. throughout - | 0·0 | 8·7 | Generally overcast; fog in morning. Great gloom prevalent between 8h. 30m. and 10h. 0m. A.M. |
| FRIDAY - | 18 | w. P. throughout - | 5·5 | 8·7 | Overcast in morning; fine with small amounts of cloud till evening; overcast afterwards. |
| SATURDAY - | 19 | w. P. generally - | 1·8 | 8·6 | Overcast till 10h. A.M.; fine and partially cloudy till 5h. P.M.; overcast afterwards. |
| | | | Sum 10·7 | Sum 61·4 | |
| No. of Col. - | - | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer increased from 29·46 in. at the beginning of the week to 30·18 in. by midnight on the 14th; decreased to 30·04 in. by 5h. A.M. on the 16th; increased to 30·19 in. by 10h. A.M. on the 18th; and decreased to 30·00 in. by the end of the week.

LONDON.
PRINTED FOR HER MAJESTY'S STATIONERY OFFICE
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1898.

OFFICIAL COPY.

# WEEKLY RETURN
OF
# BIRTHS AND DEATHS IN LONDON
AND IN
# THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

*Printed under the Superintendence of Her Majesty's Stationery Office,*
AND SOLD BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 47. 1898. Vol. LIX.] Week ending Saturday, Nov. 26. [Price 1½*d*.

*General Register Office, Somerset House,*
*November 28th*, 1898.

## Thirty-three Great Towns.

The deaths registered last week in Thirty-three Great Towns of England and Wales corresponded to an annual rate of 17·4 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| Towns. | Weeks ending | | | | Towns. | Weeks ending | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Nov. 5. | Nov. 12. | Nov. 19. | Nov. 26. | | Nov. 5. | Nov. 12. | Nov. 19. | Nov. 26. |
| 33 Great Towns | 17·0 | 17·3 | 17·0 | 17·4 | Leicester - - | 16·7 | 14·5 | 16·0 | 17·5 |
| Birkenhead - | 14·3 | 20·7 | 18·0 | 13·4 | Liverpool - - | 22·2 | 22·5 | 22·6 | 22·3 |
| Birmingham - | 18·8 | 18·0 | 15·9 | 18·5 | London - - - | 16·1 | 16·3 | 16·6 | 16·7 |
| Blackburn - | 20·7 | 18·0 | 20·4 | 18·4 | Manchester - - | 21·7 | 21·5 | 19·4 | 19·9 |
| Bolton - - | 16·6 | 17·5 | 15·8 | 19·2 | Newcastle-on-Tyne | 18·7 | 18·9 | 22·4 | 18·0 |
| Bradford - | 13·8 | 15·2 | 20·3 | 14·3 | Norwich - - | 17·7 | 21·5 | 18·2 | 19·1 |
| Brighton - | 20·0 | 19·2 | 14·5 | 21·3 | Nottingham - - | 18·5 | 16·6 | 16·1 | 18·3 |
| Bristol - | 13·0 | 13·7 | 16·0 | 16·9 | Oldham - - | 16·2 | 16·9 | 11·6 | 20·0 |
| Burnley - | 16·7 | 12·4 | 16·2 | 13·8 | Plymouth - - | 20·5 | 19·5 | 15·8 | 12·6 |
| Cardiff - - | 13·2 | 13·2 | 12·0 | 12·3 | Portsmouth - - | 15·1 | 17·6 | 16·2 | 17·3 |
| Croydon - | 6·7 | 11·3 | 8·8 | 11·3 | Preston - - | 18·8 | 23·3 | 24·2 | 21·5 |
| Derby - - | 10·4 | 11·9 | 10·9 | 24·9 | Salford - - - | 21·3 | 19·6 | 20·5 | 19·6 |
| Gateshead - | 16·6 | 22·6 | 15·6 | 21·6 | Sheffield - - | 17·8 | 16·8 | 17·8 | 16·5 |
| Halifax - | 13·5 | 15·6 | 18·3 | 13·5 | Sunderland - - | 18·1 | 15·2 | 17·0 | 20·3 |
| Huddersfield- | 12·2 | 15·8 | 15·8 | 12·2 | Swansea - - | 18·4 | 22·5 | 17·4 | 14·3 |
| Hull - - | 16·8 | 18·1 | 12·0 | 14·3 | West Ham - - | 14·7 | 14·9 | 13·8 | 14·7 |
| Leeds - - | 18·6 | 18·4 | 16·5 | 18·1 | Wolverhampton - | 18·4 | 19·0 | 23·1 | 26·1 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·1 in West Ham and 1·3 in Manchester; from *whooping-cough*, 1·0 in Derby and in Gateshead, and 1·5 in Cardiff; from "*fever*," 1·1 in Halifax, and 1·2 in Sheffield; and from *diarrhœa*, 1·1 in Halifax. In none of the thirty-three towns did the death-rate from *scarlet fever* reach 1·0 per 1000. The 81 deaths from *diphtheria* included 38 in London, 10 in Leeds, 7 in Liverpool, 6 in Sheffield, 4 in Leicester, 3 in Portsmouth, and 3 in Swansea. No death from *small-pox* was registered in any of the thirty-three towns.

## London.

In London† 2155 births and 1439 deaths were registered. Allowing for increase of population, the births were 504, and the deaths 249, below the average numbers in the corresponding weeks of the last ten

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong

years. The annual death-rate per 1000 from all causes, which had been 16·1, 16·3, and 16·6 in the preceding three weeks, further rose last week to 16·7. During the four weeks ending on Saturday last the death-rate averaged 16·4 per 1000, being 3·0 per 1000 below the mean rate in the corresponding periods of the ten years 1888–97.

The 1439 deaths included 24 from measles, 7 from scarlet fever, 38 from diphtheria, 16 from whooping-cough, 33 from enteric fever, 6 from diarrhœa and dysentery, 1 from choleraic diarrhœa, and not one death from small-pox, from typhus, or from any ill-defined form of continued fever; thus, 125 deaths were referred to these diseases, being 86 below the corrected average weekly number.

The deaths from *measles*, which had been 23, 19, and 19 in the preceding three weeks, rose again last week to 24, but were 40 below the corrected average; 5 cases belonged to Shoreditch, 3 to Bethnal Green, and 3 to Clerkenwell sanitary areas. The deaths from *scarlet fever*, which had been 13, 17, and 12 in the preceding three weeks, further fell last week to 7, and were 18 below the corrected average. The deaths from *diphtheria*, which had been 28, 31, and 44 in the preceding three weeks, fell again last week to 38, and were 16 below the corrected average; 5 cases belonged to Lambeth, 4 to Battersea, 4 to St. Pancras, 3 to Bethnal Green, 3 to Newington, and 3 to Woolwich sanitary areas. The deaths from *whooping-cough*, which had been 10, 13, and 14 in the preceding three weeks, further rose last week to 16, but were 15 below the corrected average. The fatal cases of *enteric fever*, which had been 29, 27, and 28 in the preceding three weeks, further rose last week to 33, and were 13 above the corrected average; 4 cases belonged to St. Pancras, 4 to Hackney, 2 to Kensington, 2 to Islington, 2 to Lambeth, and 2 to Camberwell sanitary areas. The deaths from *diarrhœa*, which had been 34, 17, and 16 in the preceding three weeks, further fell last week to 6, and were 10 below the corrected average. The deaths referred to diseases of the respiratory organs, which had been 237, 248, and 285 in the preceding three weeks, fell again last week to 280, and were 145 below the corrected average. The deaths attributed directly to *influenza* numbered 11, having been 12, 14, and 10 in the preceding three weeks.

Different forms of violence caused 66 deaths, concerning all but 2 of which inquests were held. Of these 66 deaths, 7 were cases of suicide, and 1 of homicide, while the remaining 58 were attributed to accident or negligence. Four of these were referred to vehicles in the streets, 1 to the effect of chloroform adminstered for surgical purposes, and 12 (of infants under one year of age), to suffocation in bed.

### Cases of Infectious Sickness in Hospitals*.

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 3162 cases of scarlet fever, 1250 of diphtheria, and 267 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 234 cases, against 318, 340, and 319; of diphtheria, 157 cases, against 174, 179, and 187; and of enteric fever, 53 cases, against 39, 43, and 45.

### Greater London.

In Greater London 2994 births and 1891 deaths were registered, corresponding to annual rates of 24·4 and 15·4 per 1000 of the estimated population. In the Outer Ring 13 deaths from measles, 2 from scarlet fever, 16 from diphtheria, 6 from whooping-cough, 7 from "fever," and 6 from diarrhœa were registered. Eight deaths from measles, 3 from diphtheria, and 3 from "fever" occurred in West Ham district; 4 deaths from diphtheria occurred in Edmonton district and 3 in Kingston district.

### Meteorology.

The mean reading of the Barometer last week at Greenwich was 29·30 inches, and that of the Thermometer 41°·7; the latter being 0°·4 below the week's average in the 50 years 1841–90. The direction of the wind was variable, the horizontal movement of the air being 15 per cent. below the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 7·0 hours; the measured rainfall amounted to 1·88 of an inch.

* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Births, the week ending 26th November 1898. | Deaths, the week ending 26th November 1898. | Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Colic. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Per 1000 corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6–12. | Temperature. Highest. Fahrenheit. | Temperature. Lowest. Fahrenheit. | Mean. Fahrenheit. | Mean. Centigrade. | Rainfall. In Inches. | Rainfall. In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| 33 Towns - | **11,218,378** | **5632** | **3748** | **931** | **894** | **-** | **83** | **19** | **81** | **51** | **82** | **48** | **149** | **302** | **815** | **55** | **17·4** | **1·7** | **53·0** | **23·8** | **40·8** | **4·89** | **1·60** | **4·06** | 33 Towns. |
| London - - | 4,504,766 | 2155 | 1439 | 320 | 382 | - | 24 | 7 | 38 | 16 | 33 | 6 | 66 | 139 | 473 | 12 | 16·7 | 1·4 | 51·0 | 29·0 | 41·7 | ·39 | 1· | 4·78 | London. |
| West Ham - - | 286,654 | 15 | 81 | 14 | 18 | - | 6 | - | 2 | 1 | 2 | 1 | 1 | 4 | 7 | | 14·7 | 2·2 | - | - | - | - | - | - | West Ham. |
| Croydon - - | 124,421 | 46 | 27 | 9 | 7 | - | - | - | - | - | 1 | - | 1 | 3 | 6 | - | 11·3 | 0·4 | 49.6 | 25·0 | 40·8 | 4·89 | 2·32 | 5·89 | Croydon. |
| Brighton - - | 122,310 | 47 | 50 | 15 | 19 | - | - | - | 1 | - | 1 | 1 | 2 | 2 | 10 | - | 21·3 | 1·3 | 53·0 | 30·6 | 45·5 | 7·50 | 2·05 | 5·21 | Brighton. |
| Portsmouth - | 186,618 | 92 | 62 | 16 | 17 | - | 3 | 2 | 3 | - | 1 | - | 4 | 7 | 10 | 1 | 17·3 | 2·5 | 52·5 | 29·0 | 44·3 | 6·83 | 3·03 | 7·70 | Portsmouth. |
| Plymouth - - | 99,136 | 46 | 24 | 9 | 8 | - | 1 | - | - | - | - | 1 | - | 1 | 3 | - | 12·6 | 1·1 | - | - | - | - | - | - | Plymouth. |
| Bristol - - | 316,900 | 135 | 103 | 30 | 31 | - | 1 | - | - | 4 | - | 1 | 5 | 8 | 17 | - | 16·9 | 1·0 | 50·3 | 27·0 | 41·1 | 5·06 | 2·37 | 6·02 | Bristol. |
| Cardiff - - | 177,770 | 88 | 42 | 13 | 11 | - | - | - | 2 | 5 | - | 1 | - | 1 | 3 | 1 | 12·3 | 2·3 | - | - | - | - | - | - | Cardiff. |
| Swansea - - | 102,001 | 62 | 28 | 9 | 4 | - | 2 | - | 3 | - | - | 2 | - | - | 1 | 2 | 14·3 | 3·6 | - | - | - | - | - | - | Swansea. |
| Wolverhampton | 88,051 | 49 | 44 | 13 | 6 | - | - | 1 | 1 | - | 1 | - | 1 | 5 | 5 | - | 26·1 | 1·8 | 47·4 | 23·8 | 38·0 | 3·33 | 0·95 | 2·41 | Wolverhampton. |
| Birmingham - | 510,343 | 292 | 181 | 63 | 39 | - | 5 | - | 1 | 2 | 4 | 2 | 9 | 12 | 26 | 5 | 18·5 | 1·4 | - | - | - | - | - | - | Birmingham. |
| Norwich - - | 111,699 | 65 | 41 | 11 | 10 | - | 2 | - | - | - | 1 | - | 1 | 2 | 7 | 1 | 19·1 | 1·4 | 51·0 | 29·2 | 41·6 | 5·33 | 0·79 | 2·01 | Norwich. |
| Leicester - - | 208,662 | 94 | 70 | 15 | 19 | - | - | - | 4 | - | 3 | - | 4 | 6 | 10 | - | 17·5 | 1·7 | - | - | - | - | - | - | Leicester. |
| Nottingham - | 236,137 | 103 | 83 | 27 | 17 | - | 4 | 1 | 1 | 1 | - | 2 | 2 | 3 | 14 | 1 | 18·3 | 2·0 | 48·5 | 25·4 | 40·1 | 4·50 | 1·06 | 2·69 | Nottingham. |
| Derby - - - | 104,834 | 48 | 50 | 18 | 12 | - | - | - | - | 2 | 1 | 1 | 1 | 5 | 6 | - | 24·9 | 2·0 | - | - | - | - | - | - | Derby. |
| Birkenhead - | 113,189 | 58 | 29 | 12 | 5 | - | - | - | - | - | - | - | 1 | 3 | 5 | - | 13·4 | - | - | - | - | - | - | - | Birkenhead. |
| Liverpool - - | 633,645 | 363 | 271 | 57 | 55 | - | 9 | 4 | 7 | 7 | 4 | 4 | 16 | 22 | 57 | 13 | 22·3 | 2·9 | 48·3 | 28·0 | 38·8 | 3·78 | 0·74 | 1·88 | Liverpool. |
| Bolton† - - | 122,405 | 58 | 45 | 9 | 5 | - | 1 | - | - | - | 1 | 1 | 4 | 6 | 5 | - | 19·2 | 1·3 | - | - | - | - | - | - | Bolton.† |
| Manchester - | 539,079 | 297 | 206 | 49 | 38 | - | 13 | 1 | - | 3 | 5 | 5 | 6 | 19 | 38 | - | 19·9 | 2·6 | - | - | - | - | - | - | Manchester. |
| Salford - - | 215,702 | 125 | 81 | 21 | 18 | - | 1 | 1 | 1 | - | 3 | 4 | 2 | 5 | 10 | 1 | 19·6 | 2·4 | - | - | - | - | - | - | Salford. |
| Oldham - - | 148,288 | 78 | 57 | 16 | 8 | - | - | 1 | - | 1 | 1 | - | - | - | 6 | - | 20·0 | 1·1 | - | - | - | - | - | - | Oldham. |
| Burnley - - | 109,546 | 71 | 29 | 7 | 7 | - | - | - | - | - | - | 1 | 1 | 1 | 3 | - | 13·8 | 0·5 | - | - | - | - | - | - | Burnley. |
| Blackburn - - | 133,228 | 57 | 47 | 12 | 10 | - | 1 | - | - | 1 | 2 | 2 | 3 | 4 | 1 | 2 | 18·4 | 2·3 | - | - | - | - | - | - | Blackburn. |
| Preston - - | 116,356 | 65 | 48 | 20 | 12 | - | - | - | - | 1 | 1 | - | 1 | 1 | 1 | - | 21·5 | 0·9 | - | - | - | - | - | - | Preston. |
| Huddersfield - | 102,454 | 42 | 24 | 5 | 4 | - | - | - | 1 | - | - | - | - | - | 2 | - | 12·2 | 0·5 | 46·2 | 26·2 | 38·1 | 3·39 | 1·60 | 4·06 | Huddersfield. |
| Halifax - - | 96,729 | 38 | 25 | 5 | 4 | - | - | 1 | - | 1 | 2 | 2 | 2 | 5 | 5 | - | 13·5 | 3·2 | - | - | - | - | - | - | Halifax. |
| Bradford - - | 233,737 | 92 | 64 | 15 | 21 | - | - | - | - | - | 1 | 1 | 1 | 3 | 11 | 3 | 14·3 | 0·4 | 48·0 | 29·0 | 40·0 | 4·44 | 0·96 | 2·44 | Bradford. |
| Leeds - - - | 416,618 | 221 | 145 | 31 | 33 | - | 5 | - | 10 | - | 1 | 3 | 6 | 15 | 16 | 2 | 18·1 | 2·4 | - | - | - | - | - | - | Leeds. |
| Sheffield - - | 356,478 | 188 | 113 | 29 | 18 | - | 2 | - | 6 | 1 | 8 | 1 | 1 | 3 | 18 | 3 | 16·5 | 2·6 | - | - | - | - | - | - | Sheffield. |
| Hull - - - | 229,887 | 128 | 63 | 21 | 12 | - | - | - | - | - | 1 | 4 | 4 | 6 | 16 | 1 | 14·3 | 1·1 | 50·0 | 26·0 | 39·6 | 4·22 | 1·43 | 3·63 | Hull. |
| Sunderland - | 143,849 | 85 | 56 | 11 | 10 | - | 2 | - | - | 2 | | - | 2 | | 11 | 1 | 20·3 | 2·2 | - | - | - | - | - | - | Sunderland. |
| Gateshead - - | 103,775 | 74 | 43 | 18 | 10 | - | - | - | - | 2 | - | - | - | 3 | - | 1 | 21·6 | 1·0 | - | - | - | - | - | - | Gateshead. |
| Newcastle - - | 223,021 | 115 | 77 | 11 | 24 | - | 1 | - | - | 1 | 2 | 2 | 2 | 5 | 12 | - | 18·0 | 1·4 | - | - | - | - | - | - | Newcastle. |

* See note * on first page of this return.

† The recent extension of the Borough of Bolton will not be taken into account in the Weekly Returns until 1899.

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the FORTY-SEVENTH Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2722 | 2517 | 2206 | 2395 | 2391 | 2529 | 2704 | 2596 | 2688 | 2523 | 2659·3 | 2155 |
| Males - - | 1354 | 1301 | 1059 | 1175 | 1223 | 1317 | 1379 | 1314 | 1400 | 1295 | 1348·8 | 1082 |
| Females - | 1368 | 1216 | 1147 | 1220 | 1168 | 1212 | 1325 | 1282 | 1288 | 1228 | 1310·5 | 1073 |
| TOTAL **Deaths** - | 1409 | 1376 | 1716 | 1612 | 1447 | 2190 | 1326 | 1488 | 1688 | 1793 | 1688·4 | 1439 |
| Males - - | 716 | 690 | 827 | 804 | 717 | 1102 | 655 | 770 | 838 | 891 | 842·9 | 719 |
| Females - - | 693 | 686 | 889 | 808 | 730 | 1088 | 671 | 718 | 850 | 902 | 845·5 | 720 |

*The numbers in this column are the average weekly numbers in the forty-seventh week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | Sept. 3. | Sept. 10. | Sept. 17. | Sept. 24. | Oct. 1. | Oct. 8. | Oct. 15. | Oct. 22. | Oct. 29. | Nov. 5. | Nov. 12. | Nov. 19. | Nov. 26. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** - - | 2650 | 2446 | 2499 | 2574 | 2614 | 2554 | 2454 | 2468 | 2652 | 2530 | 2696 | 2585 | 2155 |
| TOTAL **Deaths** - - - | 1898 | 2007 | 1832 | 1863 | 1700 | 1620 | 1600 | 1497 | 1411 | 1394 | 1405 | 1436 | 1439 |
| Ages at Death: Under 1 year - - | 887 | 929 | 786 | 764 | 619 | 498 | 415 | 351 | 349 | 357 | 328 | 310 | 320 |
| 1—5 years - - | 203 | 244 | 211 | 202 | 195 | 182 | 180 | 167 | 169 | 155 | 158 | 175 | 157 |
| 5—20 " - - | 83 | 76 | 64 | 86 | 76 | 76 | 95 | 93 | 82 | 73 | 76 | 103 | 95 |
| 20—40 " - - | 189 | 200 | 178 | 204 | 185 | 180 | 204 | 199 | 178 | 198 | 191 | 194 | 198 |
| 40—60 " - - | 259 | 241 | 270 | 269 | 293 | 314 | 324 | 320 | 282 | 276 | 293 | 299 | 287 |
| 60—80 " - - | 226 | 256 | 269 | 266 | 288 | 291 | 307 | 290 | 287 | 258 | 299 | 286 | 302 |
| 80 years and upwards | 51 | 61 | 54 | 72 | 44 | 79 | 75 | 77 | 64 | 77 | 60 | 69 | 80 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox - - - - | - | - | - | - | - | - | 1 | - | - | - | - | - | - |
| Measles - - - - | 11 | 16 | 8 | 12 | 10 | 7 | 9 | 12 | 19 | 23 | 19 | 19 | 24 |
| Scarlet Fever - - - | 5 | 8 | 3 | 9 | 10 | 7 | 7 | 14 | 10 | 13 | 17 | 12 | 7 |
| Diphtheria - - - - | 19 | 30 | 29 | 29 | 33 | 34 | 41 | 30 | 46 | 28 | 31 | 44 | 38 |
| Whooping-cough - - - | 29 | 40 | 25 | 31 | 29 | 18 | 17 | 10 | 13 | 10 | 13 | 14 | 16 |
| Typhus - - - - - | - | - | - | - | - | - | - | - | - | 1 | - | - | - |
| Enteric Fever - - - | 15 | 19 | 7 | 9 | 9 | 6 | 18 | 28 | 20 | 29 | 27 | 28 | 33 |
| Simple Continued Fever - | 1 | - | - | - | - | - | - | - | 2 | - | - | - | - |
| Diarrhœa and Dysentery .. | 431 | 433 | 397 | 347 | 247 | 138 | 99 | 48 | 33 | 34 | 17 | 16 | 6 |
| Cholera - - - - - | 13 | 13 | 14 | 7 | 10 | 1 | 1 | - | 1 | - | - | - | 1 |
| All the above Diseases - | 524 | 559 | 483 | 444 | 348 | 211 | 193 | 142 | 144 | 138 | 124 | 133 | 125 |
| Dis. of Respiratory System - | 127 | 130 | 135 | 157 | 200 | 226 | 263 | 263 | 262 | 237 | 248 | 285 | 280 |
| Phthisis - - - - - | 144 | 140 | 133 | 127 | 147 | 148 | 173 | 169 | 140 | 135 | 155 | 184 | 148 |
| Dis. of Circulatory System - | 116 | 111 | 123 | 121 | 136 | 140 | 143 | 137 | 125 | 130 | 133 | 125 | 145 |
| Violence - - - - | 60 | 71 | 96 | 58 | 66 | 76 | 56 | 52 | 63 | 50 | 71 | 67 | 66 |
| Inquest Cases - - - - | 124 | 135 | 166 | 133 | 147 | 147 | 145 | 121 | 135 | 114 | 143 | 137 | 139 |
| Deaths in Public Institutions - | 466 | 470 | 469 | 494 | 445 | 483 | 489 | 459 | 459 | 433 | 451 | 468 | 473 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean - - - - - | 61°·1 | 70°·4 | 66°·4 | 57°·2 | 52°·9 | 56°·1 | 49°·5 | 55°·3 | 55°·5 | 49°·8 | 49°·6 | 48°·0 | 41°·7 |
| Mean of Highest readings - | 73·2 | 83·6 | 79·5 | 68·7 | 63·8 | 62·4 | 55·1 | 60·0 | 61·0 | 56·5 | 56·0 | 52·5 | 45·2 |
| Mean of Lowest readings - | 50·5 | 60·0 | 55·1 | 47·1 | 42·5 | 50·1 | 44·5 | 50·8 | 50·6 | 43·0 | 44·0 | 43·1 | 37·3 |
| Humidity of the Air - - | 67 | 68 | 64 | 75 | 72 | 82 | 86 | 87 | 82 | 79 | 93 | 89 | 90 |
| Rain-fall (in inches) - - | 0·08 | 0·00 | 0·02 | 0·12 | 0·16 | 0·02 | 0·42 | 1·42 | 1·03 | 0·52 | 0·02 | 0·02 | 1·88 |
| Registered Sunshine (in hours) | 60·7 | 59·7 | 56·8 | 33·8 | 42·4 | 18·3 | 12·5 | 10·9 | 22·2 | 28·7 | 27·2 | 10·7 | 7·0 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox - - - - - | 2 | 3 | 2 | 1 | - | - | - | - | - | - | - | - | - |
| Scarlet Fever - - - - | 2240 | 2300 | 2319 | 2353 | 2459 | 2606 | 2728 | 2915 | 3031 | 3092 | 3188 | 3259 | 3162 |
| Diphtheria - - - - | 869 | 893 | 916 | 964 | 1027 | 1052 | 1125 | 1169 | 1187 | 1241 | 1251 | 1251 | 1250 |
| Enteric Fever - - - - | 118 | 119 | 127 | 128 | 155 | 176 | 191 | 214 | 223 | 230 | 242 | 252 | 267 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton: A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and F. Boobbyer Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S. Preston; A. Johnson, Esq., M.Inst.C.E., Bradford; and Mr. E. Peak, Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-SEVENTH Week of the Year 1898.

| CAUSES OF DEATH | Corrected Averages for the 47th Week of the 10 years 1888-97*. | In the Week ending Saturday, 26th November 1898. Deaths of Persons of the Ages: All Ages. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| CAUSES - - - | 1688·4 | 1439 | 320 | 157 | 95 | 198 | 287 | 302 | 80 |
| ...ll- Vaccinated† - | 0·1 | - | - | - | - | - | - | - | - |
| ...x Unvaccinated | 0·2 | - | - | - | - | - | - | - | - |
| ... No Statement | 0·1 | - | - | - | - | - | - | - | - |
| ...les - - - - | 64·1 | 24 | 4 | 20 | - | - | - | - | - |
| ...et Fever - - - | 21·8 | 7 | - | 4 | 3 | - | - | - | - |
| ...us - - - - | 0·3 | - | - | - | - | - | - | - | - |
| ...sing Fever - - | - | - | - | - | - | - | - | - | - |
| ...enza - - - - | 10·9 | 11 | 1 | 1 | 1 | - | 7 | 1 | 1 |
| ...ping-cough - - | 31·1 | 16 | 3 | 13 | - | - | - | - | - |
| ...theria - - | 53·6 | 38 | 3 | 22 | 13 | - | - | - | - |
| ...le Continued and defined Fever - | 0·6 | - | - | - | - | - | - | - | - |
| ...ric Fever - - - | 19·9 | 33 | - | 2 | 13 | 15 | 3 | - | - |
| ...ra and Chol. Diarr. | 0·2 | 1 | - | - | - | - | 1 | - | - |
| ...hœa, Dysentery - | 15·6 | 6 | 5 | 1 | - | - | - | - | - |
| ...ttent Fever - - | - | - | - | - | - | - | - | - | - |
| ...phobia - - - | 0·1 | - | - | - | - | - | - | - | - |
| ...ers - - - - | 0·1 | - | - | - | - | - | - | - | - |
| ...ox and Effects of vaccination - - | 0·6 | - | - | - | - | - | - | - | - |
| ...real Affections - - | 9·8 | 9 | 6 | - | - | 2 | - | 1 | - |
| ...pelas - - - | 6·0 | 3 | - | - | - | - | 2 | 1 | - |
| ...nia and Septicæmia | 2·4 | - | - | - | - | - | - | - | - |
| ...peral Fever - - | 6·2 | 6 | - | - | - | 6 | - | - | - |
| Zymotic Diseases | 1·6 | 1 | - | - | - | - | 1 | - | - |
| ...h - - - - - | 0·9 | - | - | - | - | - | - | - | - |
| ...s and other Parasitical Diseases - | 0·1 | 1 | - | - | 1 | - | - | - | - |
| ...ation, Want of breast-milk - - | 2·0 | 2 | 2 | - | - | - | - | - | - |
| ...olism - - - | 8·7 | 10 | - | - | - | 2 | 5 | 3 | - |
| ...matic Fever, rheumatism of Heart | 8·8 | 9 | - | 1 | 4 | 2 | 2 | - | - |
| ...ematism - - - | 3·1 | 3 | - | - | - | - | - | 3 | - |
| ... - - - - - | 2·7 | 1 | - | - | - | - | - | 1 | - |
| ...ts - - - - - | 5·2 | 4 | 2 | 2 | - | - | - | - | - |
| ...r - - - - - | 67·2 | 93 | - | - | - | 5 | 34 | 48 | 6 |
| ... Mesenterica - - | 15·4 | 17 | 12 | 3 | 1 | 1 | - | - | - |
| ...cular Meningitis - | 22·4 | 25 | 10 | 10 | 4 | - | 1 | - | - |
| ...sis - - - - | 166·5 | 148 | - | 3 | 10 | 73 | 55 | 7 | - |
| ...la, Tuberculosis - | 17·5 | 28 | 6 | 5 | 6 | 9 | 2 | - | - |
| Constitutional diseases - - | 12·9 | 21 | - | 2 | 2 | 5 | 6 | 6 | - |
| ...ature Birth - - | 46·5 | 37 | 37 | - | - | - | - | - | - |
| ...tasis - - - | 4·6 | 4 | 4 | - | - | - | - | - | - |
| ...nital Malformations - - - | 8·1 | 8 | 8 | - | - | - | - | - | - |
| ...ge - - - - | 45·1 | 45 | - | - | - | - | - | 24 | 21 |
| ...exy - - - | 43·1 | 42 | - | 1 | - | 2 | 10 | 23 | 6 |
| ...psy - - - - | 6·4 | 5 | 1 | - | 2 | 2 | - | - | - |
| ...lsions - - - | 40·0 | 30 | 28 | 2 | - | - | - | - | - |
| Diseases of Brain Nervous System | 80·2 | 85 | 9 | 5 | 8 | 11 | 22 | 20 | 10 |
| ...es of Organs of ...cial Sense - | 3·4 | 7 | 3 | - | 2 | 2 | - | - | - |

| CAUSES OF DEATH | Corrected Averages for the 47th Week of the 10 years 1888-97*. | In the Week ending Saturday, 26th November 1898. Deaths of Persons of the Ages: All Ages. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 140·4 | 145 | 4 | 1 | 10 | 19 | 47 | 58 | 6 |
| Croup - - - - - | 6·0 | - | - | - | - | - | - | - | - |
| Bronchitis - - - | 243·5 | 158 | 48 | 13 | 1 | 2 | 24 | 53 | 17 |
| Pneumonia - - - | 137·5 | 98 | 44 | 30 | 2 | 3 | 8 | 9 | 2 |
| Pleurisy - - - - | 7·3 | 9 | 1 | 1 | 2 | 1 | 1 | 3 | - |
| Other Diseases of Respiratory System - | 30·9 | 15 | 2 | 2 | 1 | - | 6 | 3 | 1 |
| Dentition - - - - | 7·3 | 4 | 3 | 1 | - | - | - | - | - |
| Quinsy, Sore Throat - | 2·7 | 1 | - | 1 | - | - | - | - | - |
| Enteritis - - - - | 10·5 | 12 | 7 | 1 | 1 | 1 | 1 | 1 | - |
| Peritonitis - - - | 6·3 | 6 | - | - | 1 | - | 3 | 1 | 1 |
| Diseases of Liver - - | 24·4 | 17 | - | 1 | 1 | 3 | 7 | 5 | - |
| Other Diseases of Digestive System | 27·8 | 30 | 6 | 2 | 1 | 8 | 2 | 10 | 1 |
| Diseases of Lymphatic System & of Ductless Glands - - - | 1·8 | 6 | 1 | - | - | 1 | 4 | - | - |
| Diseases of Urinary System - - - | 44·9 | 30 | 1 | - | - | 7 | 13 | 8 | 1 |
| Diseases of Generative System - - - | 6·2 | 5 | - | - | - | 2 | 2 | 1 | - |
| Accidents of Childbirth - | 5·4 | 1 | - | - | - | 1 | - | - | - |
| Diseases of Locomotive System - - - | 6·4 | 2 | 1 | - | 1 | - | - | - | - |
| Diseases of Integumentary System - - | 7·2 | 7 | 1 | - | - | 1 | 2 | 3 | - |
| VIOLENT DEATHS‡ (ACCIDENT.) | | | | | | | | | |
| By Railways - - - | 52·4 | 4 | - | - | 1 | 1 | 2 | - | - |
| By Vehicles or Horses - | | 1 | - | - | - | 1 | - | - | - |
| In Ships, Boats, Docks, (exclusive of Drowning) - - - | | 2 | - | - | - | 1 | 1 | - | - |
| In Building Operations - | | 1 | - | - | - | 1 | - | - | - |
| In Conflagrations - | | - | - | - | - | - | - | - | - |
| By Burns, Scalds, Explosions - - | | 5 | - | 2 | - | - | 1 | 1 | 1 |
| By Drowning - - - | | 3 | 1 | - | 1 | - | 1 | - | - |
| By Suffocation in Bed - | | 12 | 12 | - | - | - | - | - | - |
| By Poisons or Poisonous Vapours - - | | 2 | - | - | 1 | - | 1 | - | - |
| Other or not stated causes - - - - | | 28 | 3 | - | 1 | 4 | 8 | 7 | 5 |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - | 0·8 | 1 | 1 | - | - | - | - | - | - |
| Suicide - - - - | 7·5 | 7 | - | - | - | 4 | 2 | 1 | - |
| Execution - - - | 0·1 | - | - | - | - | - | - | - | - |
| OTHER CAUSES - | 52·0 | 47 | 41 | 5 | - | - | - | - | 1 |

...e numbers in this column are the average weekly deaths for the ten years 1888-97, raised by 5·230 per cent. for increase ...pulation.

...ly those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered ...al men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the ...of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

...e evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of ...nt, murder manslaughter or suicide. All such cases are classed under "accident."

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 26th November, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2155 | 1439 | 320 | 382 | - | 24 | 7 | 38 | 16 | - | 33 | - | 6 | 66 | 139 | 473 |
| WEST DISTRICTS - - - | 778,251 | 313 | 242 | 42 | 68 | - | 2 | 2 | 3 | 2 | - | 7 | - | 1 | 12 | 27 | 88 |
| NORTH DISTRICTS - - - | 1,040,694 | 439 | 328 | 58 | 102 | - | 5 | 1 | 8 | 5 | - | 13 | - | 1 | 10 | 36 | 100 |
| CENTRAL DISTRICTS - - - | 233,635 | 117 | 93 | 28 | 22 | - | 3 | - | 4 | - | - | 1 | - | 1 | 7 | 10 | 40 |
| EAST DISTRICTS - - - | 716,334 | 446 | 271 | 73 | 55 | - | 12 | - | 4 | 2 | - | 4 | - | 2 | 12 | 27 | 90 |
| SOUTH DISTRICTS - - - | 1,642,796 | 840 | 470 | 119 | 123 | - | 2 | 4 | 18 | 7 | - | 8 | - | 1 | 24 | 38 | 120 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | — | - | 35 | - | 12 | - | - | - | 1 | - | - | - | - | - | 1 | 1 | 35 |
| WEST DISTRICTS. | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 44 | 25 | 7 | 9 | - | - | - | - | - | - | - | - | - | - | - | 6 |
| St. John Paddington *H* - - G. | 33,510 | 6 | 13 | 1 | 3 | - | - | - | 1 | - | - | 1 | - | - | 2 | 2 | 9 |
| Kensington Town *Ww* - - W. | 122,164 | 55 | 37 | 8 | 11 | - | - | - | - | 1 | - | 1 | - | - | - | 5 | 17 |
| Brompton *HH*- - - W & C. | 48,301 | 9 | 11 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - | 5 |
| St. Peter Hammersmith - - W. | 9,097 | 5 | 4 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Paul Hammersmith *HH* W. & G. | 35,102 | 54 | 35 | 9 | 11 | - | 1 | - | - | - | - | 1 | - | - | 4 | 5 | 2 |
| Fulham *Ww* - - - W. & C. | 113,781 | 58 | 25 | 4 | 3 | - | - | 2 | 2 | 1 | - | 1 | - | 1 | 2 | 4 | 9 |
| Chelsea Kensal Town - C. | 21,450 | 11 | 6 | 1 | - | - | 1 | - | - | - | - | 1 | - | - | - | - | - |
| Chelsea North *WHHHHH* - C. | 42,057 | 14 | 12 | 2 | 5 | - | - | - | - | - | - | - | - | - | - | 1 | 6 |
| Chelsea South *HH* - - C. | 33,139 | 7 | 11 | 1 | 3 | - | - | - | - | - | - | - | - | - | - | - | 6 |
| May Fair *W* - - - - G. | 23,827 | 8 | 17 | 1 | 4 | - | - | - | - | - | - | - | - | - | 3 | 3 | 11 |
| Belgrave *WHHH* - - - C. | 56,140 | 17 | 20 | 1 | 5 | - | - | - | - | - | - | 1 | - | - | - | 1 | 9 |
| St. John Westminster *HH* - C. | 31,492 | 8 | 7 | 3 | 2 | - | - | - | - | - | - | 1 | - | - | 1 | 3 | - |
| St. Margaret Westminster *H*- C. | 22,097 | 7 | 10 | 1 | 5 | - | - | - | - | - | - | - | - | - | - | 1 | 4 |
| St. James Westminster *WHH* N. & G. | 23,050 | 6 | 6 | - | 4 | - | - | - | - | - | - | - | - | - | - | 1 | 4 |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 4 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - |
| NORTH DISTRICTS. | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - - W. | 36,595 | 9 | 19 | 5 | 4 | - | - | - | - | - | - | - | - | - | 3 | 3 | 13 |
| Rectory Marylebone *W* G. & W. | 19,798 | 10 | 10 | 2 | 2 | - | - | - | 1 | - | - | 1 | - | 1 | - | 2 | - |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 26 | 7 | 1 | 4 | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Christchurch Marylebone *H* - W | 32,547 | 12 | 5 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | 3 | - |
| St. John Marylebone *HHH* W. | 32,611 | 4 | 6 | 1 | 1 | - | - | - | - | 1 | - | - | - | - | - | 1 | - |
| Hampstead *WwHHHH* - N. & W. | 75,449 | 23 | 25 | 1 | 10 | - | - | 1 | 3 | - | - | 4 | - | - | - | 1 | 16 |
| Regent's Park Pancras *HH* - W. | 37,341 | 18 | 11 | 1 | 4 | - | - | - | - | - | - | - | - | - | - | 1 | 1 |
| Tottenham-court *wHHH* - N. & W. | 26,757 | 7 | 18 | 2 | 4 | - | - | - | - | - | - | 2 | - | - | - | 1 | 10 |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 15 | 18 | 3 | 3 | - | 1 | - | - | - | - | - | - | - | 3 | 6 | 8 |
| Somers Town *HH* - - - N. | 32,161 | 18 | 6 | - | - | - | 1 | - | - | - | - | - | - | - | - | - | 1 |
| Camden Town *WH* - - N. | 16,669 | 12 | 14 | 1 | 6 | - | - | - | 1 | - | - | - | - | - | - | 1 | 10 |
| Kentish Town *WW* - - N. | 98,410 | 29 | 22 | 4 | 10 | - | - | - | - | - | - | 1 | - | - | - | 2 | 1 |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 55 | 37 | 7 | 11 | - | 1 | - | - | 1 | - | 2 | - | - | - | 2 | 19 |
| Islington South-west *H* - N. | 107,365 | 53 | 24 | 8 | 7 | - | 1 | - | - | 1 | - | - | - | - | 1 | 3 | - |
| Islington South-east - - N. | 66,549 | 32 | 19 | 4 | 10 | - | 1 | - | - | - | - | - | - | - | - | - | - |
| Highbury *HH* - - - N. | 64,577 | 22 | 11 | 4 | 4 | - | - | - | - | 1 | - | - | - | - | - | 1 | - |
| Stoke Newington *H* - - N. | 33,485 | 11 | 6 | - | 2 | - | - | - | - | - | - | - | - | - | - | 1 | - |
| North Hackney - - E. & N. | 213,044 | 17 | 12 | 3 | 3 | - | - | - | - | - | - | - | - | - | 2 | 2 | - |
| Central Hackney *ww* - E. & N. | | 18 | 19 | 5 | 4 | - | - | - | 3 | 1 | - | 1 | - | - | - | - | 4 |
| South-west Hackney *HHH* E. & N. | | 22 | 13 | - | 6 | - | - | - | - | - | - | 2 | - | - | - | 2 | 5 |
| South-east Hackney *WwH* E.&N. | | 26 | 26 | 5 | 6 | - | - | - | - | - | - | - | - | - | 1 | 3 | 12 |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated the[re], namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers [are] received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junc[tion] Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River E. [East] London; and K. the Kent Company.

See note † on first page of this Return.

LE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday, 26th November, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population. 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CENTRAL DISTRICTS. | | | | | | | | | | | | | | | | | | |
| George Bloomsbury - - N. | 16,110 | 5 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| Giles South *WH* - - N. | 12,976 | 18 | 5 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | 1 | 3 | - |
| Giles North *H* - - - N. | 9,151 | 6 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | 1 | 1 | - |
| Martin-in-the-Fields *HH* N. & C. | 13,077 | 5 | 11 | 2 | 2 | - | - | - | - | - | - | 1 | - | - | 2 | 2 | 7 | - |
| and *WHH* - - - - N. | 11,839 | 2 | 9 | 3 | - | - | - | - | - | - | - | - | - | - | 1 | 3 | 5 | - |
| *nd Union Workhouse, Edmonton* | †*1,037* | - | 4 | - | 3 | - | - | - | - | - | - | - | - | - | - | - | 4 | - |
| born *wHHHHHHH* - N. | 31,042 | 14 | 14 | 6 | - | - | - | - | 1 | - | - | - | - | - | - | - | 10 | - |
| James Clerkenwell - - N. | 15,777 | 11 | 9 | 3 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| well Clerkenwell - - N. | 34,356 | 17 | 7 | 4 | 1 | - | 1 | - | - | - | - | - | - | 1 | - | - | - | - |
| well-street - - - N. | 16,069 | 5 | 2 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| y-road *HHHL* - - - N. | 29,597 | 28 | 12 | 5 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | 2 | - |
| itecross-street - - - N. | 7,595 | 1 | 2 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| sbury - - - - - N. | 4,035 | 1 | 3 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| *born Union Workhouse, Fitcham* - - - - | †*892* | - | 3 | - | 3 | - | - | - | - | - | - | - | - | - | - | - | 3 | 1 |
| Botolph *H* - - N. & E. | 6,870 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| pulegate - - - - N. | 3,299 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Sepulchre *WH* - - - N. | 9,591 | 1 | 5 | 1 | 1 | - | - | - | 3 | - | - | - | - | - | 2 | 1 | 5 | - |
| hallows Barking - - - N. | 9,059 | 1 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - |
| ad Street *H* - - - N. | 2,892 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| *y of London Asylum, Stone* - - | †*388* | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| EAST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| reditch South *Hl* - E. & N. | 17,975 | 11 | 3 | 1 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | - |
| tton New Town *w* - - N. | 29,575 | 19 | 15 | 5 | 5 | - | - | - | - | - | - | - | - | - | - | 1 | 6 | - |
| tton Old Town - - - N. | 27,645 | 15 | 5 | 3 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| ggerston *WH* - - N. & E. | 47,163 | 35 | 22 | 7 | 1 | - | 3 | - | 1 | - | - | - | - | - | - | 3 | 8 | - |
| hnal Green North *H* - E. | 49,301 | 25 | 16 | 6 | 2 | - | 2 | - | 1 | - | - | - | - | 1 | - | 2 | 1 | - |
| hnal Green South - - E. | 34,194 | 22 | 11 | 6 | - | - | - | - | 1 | - | - | - | - | - | 1 | 1 | - | - |
| hnal Green East *WHl* - E. | 45,667 | 21 | 17 | 4 | 3 | - | 1 | - | - | - | - | - | - | - | - | 1 | 10 | - |
| alfields - - - - E. & N. | 26,681 | 24 | 8 | 5 | 1 | - | - | - | - | 1 | - | - | - | - | - | 1 | - | - |
| e End New Town *W* - E. | 12,816 | 11 | 9 | - | 2 | - | 1 | - | - | - | - | - | - | - | - | 1 | 5 | - |
| itechapel Church *H* - E. & N. | 25,561 | 11 | 19 | 1 | 1 | - | - | - | - | - | - | 3 | - | - | 2 | 2 | 19 | - |
| dman's Fields - - - E. | 13,618 | 2 | 2 | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - |
| George's North - - - E. | 39,576 | 28 | 10 | 3 | 1 | - | 2 | - | - | 1 | - | - | - | - | - | 1 | - | - |
| John, St. George East *W* E. | 7,930 | 4 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| dwell *H* - - - E. & N. | 10,434 | 8 | 7 | 2 | - | - | 1 | - | - | - | - | - | - | - | - | - | 5 | - |
| cliff *W* - - - - E. | 14,954 | 6 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ehouse - - - - E. | 32,917 | 13 | 5 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| End Old Town West *H* E. | 111,060 | 50 | 13 | 2 | 6 | - | - | - | 1 | - | - | - | - | - | 1 | 1 | - | - |
| End Old Town East *Www* - E. | | 27 | 19 | 2 | 9 | - | - | - | - | - | - | - | - | - | 1 | 2 | 9 | - |
| *l* - - - - E. | 41,687 | 25 | 17 | 8 | 1 | - | - | - | - | - | - | - | - | 1 | - | 1 | 2 | - |
| nley *wwwH* - - - E. | 69,821 | 47 | 52 | 11 | 16 | - | - | - | - | - | - | - | - | - | 3 | 6 | 22 | - |
| lar *WW* - - - E. | 57,759 | 42 | 18 | 7 | 4 | - | - | - | - | - | - | - | - | - | 4 | 4 | 1 | - |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 26th November, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SOUTH DISTRICTS.** | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WHL*.&S. | 13,064 | 7 | 2 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 |
| St. Saviour Southwark - - S. | 12,301 | 4 | 4 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – |
| Kent-road - - - - S. & L. | 22,879 | 11 | 3 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| Borough-road *WH* - S. & L. | 16,083 | 11 | 15 | 7 | 3 | – | – | – | 1 | – | – | – | – | – | – | 1 | 6 |
| London-road *HL* - - L. & S. | 21,316 | 14 | 7 | 4 | – | – | – | – | – | – | – | – | – | – | – | – | 1 |
| Trinity Newington - - S. & L. | 28,723 | 12 | 8 | 3 | 1 | – | – | – | 1 | – | – | – | – | – | – | – | – |
| St. Peter Walworth *W* - S. & L. | 62,045 | 24 | 15 | 3 | 4 | – | 1 | – | – | 1 | – | 1 | – | – | 1 | 2 | 2 |
| St. Mary Newington- - L. & S. | 30,171 | 11 | 9 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| St. Olave *WH* - - - - S. | 11,731 | 4 | 14 | 3 | 2 | – | – | – | – | – | – | 1 | – | – | 4 | 5 | 10 |
| Bermondsey* *W* - - - S. | 85,475 | 53 | 29 | 11 | 6 | – | – | – | 1 | 2 | – | – | – | – | 3 | 6 | – |
| Rotherhithe *WwH* - S. & K. | 40,379 | 16 | 17 | 4 | 3 | – | – | – | – | – | – | – | – | – | – | – | 9 |
| Waterloo-road *HH* - L. & S. | 28,396 | 33 | 10 | 2 | 1 | – | – | – | 1 | – | – | – | – | – | 1 | 1 | 4 |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 10 | 12 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | – | 12 |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 36 | 18 | 2 | 8 | – | – | – | 1 | – | – | – | – | – | – | – | 13 |
| Kennington 1st *H* - - S. & L. | 52,486 | 37 | 10 | 3 | 3 | – | – | – | – | – | – | – | – | – | 1 | 2 | – |
| Kennington 2nd - - S. & L. | 43,244 | 24 | 15 | 3 | 3 | – | – | – | – | – | – | 1 | – | – | 1 | 3 | – |
| Brixton *w* - - - L. & S. | 81,825 | 33 | 22 | 8 | 9 | – | – | – | 1 | – | – | 1 | – | – | 1 | 1 | 2 |
| Norwood *WH* - - - - L. | 29,318 | 11 | 9 | 2 | 4 | – | – | – | – | – | – | – | – | – | – | – | – |
| East Battersea - - - - S. | 71,730 | 42 | 13 | 3 | 5 | – | – | – | 1 | – | – | – | – | – | – | 1 | – |
| West Battersea *WwH* - - S | 93,385 | 56 | 28 | 6 | 9 | – | – | – | 1 | – | – | – | – | – | 4 | 4 | 6 |
| Clapham *H* - - - - S. | 46,953 | 16 | 9 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 3 |
| Wandsworth *WHHL* - - S. | 58,101 | 24 | 10 | 2 | 3 | – | – | – | – | – | – | – | – | – | 1 | 1 | – |
| Putney - - - - - S. | 20,566 | 8 | 4 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – | – |
| Streatham *WwwwL* - - L. | 61,644 | 23 | 20 | 1 | 4 | – | – | 1 | 4 | 2 | – | – | – | – | – | – | 6 |
| Dulwich - - - - L. & S. | 7,519 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Camberwell *Wwll* - S. & L. | 90,286 | 36 | 28 | 4 | 11 | – | – | – | – | – | – | – | – | – | – | 2 | 17 |
| Peckham *WW* - S., L., & K | 88,242 | 50 | 22 | 6 | 5 | – | – | – | – | 1 | – | 2 | – | – | – | 1 | – |
| St. George Camberwell - L. & S. | 67,029 | 31 | 13 | 7 | 3 | – | – | – | – | – | – | – | – | 1 | 1 | 1 | – |
| Deptford North - - - K. | 36,152 | 30 | 14 | 9 | 2 | – | – | – | – | 1 | – | – | – | – | – | – | – |
| Deptford Central *w* - - K. | 45,441 | 25 | 11 | 2 | 2 | – | – | – | – | – | – | 1 | – | – | – | – | 2 |
| Deptford South - - - K. | 33,402 | 8 | 5 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – |
| Greenwich West *H* - - K. | 23,012 | 8 | 4 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – | – |
| Greenwich East *WH* - - K. | 37 767 | 14 | 17 | 2 | 8 | – | – | – | – | – | – | – | – | – | 2 | 2 | 12 |
| Eltham *wH* - - - - K. | 5,911 | 2 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| Lee *H* - - - - - K. | 24,222 | 9 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| Lewisham *WwH* - - - K. | 38,139 | 16 | 10 | 1 | 3 | – | – | – | 1 | – | – | – | – | – | – | – | 3 |
| Sydenham *H* - - - - L. | 37,601 | 19 | 3 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| Charlton *wHB* - - K. | 15,928 | 12 | 16 | 3 | 3 | – | – | 3 | 4 | – | – | 1 | – | – | 2 | 2 | 8 |
| Woolwich Dockyard - - K. | 19,355 | 8 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 10 | 4 | 2 | – | – | – | – | 1 | – | – | – | – | – | – | 1 | – |
| Plumstead West *H* - - K. | 16,714 | 5 | 4 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| Plumstead East *WH* - - K. | 42,538 | 37 | 13 | 2 | 2 | – | 1 | – | – | – | – | – | – | – | 2 | 2 | 3 |
| Banstead Asylum - - - - | — | – | 5 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 5 |
| Caterham Asylum - - - - | — | – | 3 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 3 |
| Cane Hill Asylum - - - - | — | – | 8 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 8 |
| Hospital Ships and Camp, Dartford | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Darenth Asylum - - - - | — | – | 2 | – | – | – | – | – | 1 | – | – | – | – | – | – | – | 2 |
| London County Asylum, Dartford Heath - - - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Hanwell Asylum - - - - | — | – | 5 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 5 |
| Colney Hatch Asylum - - - | — | – | 4 | – | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 | 4 |
| N.E. Hospital - - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Winchmore Hill Hospital - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Leavesden Asylum - - - - | — | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 |
| Claybury Asylum - - - - | — | – | 7 | – | 3 | – | – | – | – | – | – | – | – | – | – | – | 7 |

* The two Sub-Districts of Leather Market and St. James Bermondsey were united on 1st September, and called Bermondsey.

LE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 26th November, 1898.

| is-on ict d -ict in-s. | REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years & upwds. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LONDON—OUTER RING | 368,749 | 1,422,063 | 839 | 452 | 117 | 119 | - | 13 | 2 | 16 | 6 | 7 | 6 | 18 | 36 | 46 | 11 |
| 1 | Carshalton *wHH* | 12,228 | 26,108 | 9 | 5 | 1 | - | - | 2 | - | - | - | - | - | - | - | - | - |
| 2 | Epsom, *part of** *WwHH* | 10,423 | 12,508 | 4 | 2 | - | - | - | - | - | 1 | - | - | - | - | 1 | - | - |
| 1 | Godstone, *part of** *W* | 2,754 | 1,598 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | Croydon *WwHHH* | 20,851 | 128,699 | 55 | 31 | 11 | 10 | - | - | - | - | - | 1 | - | 2 | 3 | 4 | - |
| 2 | Mitcham *w* | 11,697 | 23,072 | 8 | 8 | 3 | - | - | - | - | 1 | - | - | - | 1 | 1 | - | - |
| 1 | Wimbledon *HHH* | 3,220 | 25,777 | 18 | 8 | 2 | 3 | - | - | - | 2 | - | - | - | - | - | - | - |
| 2 | Kingston *W* | 14,672 | 33,566 | 15 | 8 | 1 | 3 | - | - | - | 1 | - | - | - | - | 1 | - | - |
| 3 | Surbiton *H-* | | 12,178 | 3 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 4 | Esher, *part of** *HH* | | 11,080 | 4 | 4 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 5 | Hampton *HL* | 4,565 | 18,252 | 3 | 6 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 1 | Richmond *WH-* | 2,160 | 25,389 | 12 | 4 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | - |
| 2 | Mortlake *H* | 2,823 | 16,159 | 6 | 5 | 1 | 3 | - | - | - | - | - | - | - | 2 | 2 | - | - |
| 1 | Bromley *HHH* | 9,127 | 23,815 | 8 | 7 | 1 | 1 | - | - | 1 | 1 | - | - | - | - | - | 3 | - |
| 2 | Beckenham *H* | 6,542 | 21,969 | 6 | 8 | 2 | 3 | - | - | - | - | - | 1 | - | - | - | - | 1 |
| 3 | Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 5 | 3 | 1 | 2 | - | - | - | - | - | - | - | - | - | 2 | 1 |
| 1 | Bexley *HHH* | 12,540 | 30,590 | 13 | 13 | 4 | 1 | - | - | - | 1 | - | - | 1 | - | - | - | - |
| 2 | Dartford *WH*, *part of** | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | Sunbury *w* | 11,054 | 13,671 | 11 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Staines *WH* | 13,277 | 13,221 | 6 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 1 | Hillingdon *WHH* | 6,035 | 12,237 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Uxbridge | 12,757 | 7,253 | 5 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 |
| 3 | Hayes *wH-* | 7,952 | 11,051 | 5 | 3 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 1 | Isleworth *WHH* | 6,967 | 26,004 | 6 | 9 | 2 | 1 | - | - | - | - | - | - | 1 | - | 1 | 5 | - |
| 2 | Twickenham *HH* | 2,415 | 16,027 | 6 | 5 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | - |
| 3 | Brentford *HHHH* | 4,318 | 37,777 | 21 | 11 | 2 | 6 | - | - | - | - | 1 | - | - | - | - | - | - |
| 4 | Chiswick | 1,245 | 21,963 | 19 | 6 | - | 3 | - | - | - | - | - | - | - | - | - | - | - |
| 5 | Acton *wHH* | 6,132 | 30,945 | 27 | 8 | 3 | 3 | - | - | - | - | - | - | - | - | - | - | - |
| 1 | Harrow *HHH* | 13,809 | 15,715 | 4 | 4 | 1 | 3 | - | 1 | - | - | - | - | - | - | - | - | - |
| 2 | Edgware *HH* | 6,994 | 3,844 | 2 | 1 | - | - | - | 1 | - | - | - | - | - | - | - | - | - |
| 3 | Willesden *HHH* | 4,383 | 61,265 | 54 | 25 | 7 | 4 | - | 1 | - | 2 | - | - | - | 1 | - | 2 | 2 |
| 4 | Hendon *WH* | 8,382 | 15,843 | 6 | 8 | 1 | 2 | - | - | - | - | - | - | - | - | 1 | 1 | - |
| 1 | South Mimms *HH* | 21,077 | 6,367 | 1 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Barnet *WHH* | | 14,152 | 7 | 5 | 2 | 1 | - | - | - | - | - | - | - | 1 | 1 | 1 | - |
| 3 | Finchley *HHH-* | 4,688 | 25,820 | 20 | 4 | 3 | - | - | - | - | - | 1 | - | - | - | - | - | - |
| 1 | Hornsey *HH* | 3,039 | 61,097 | 26 | 14 | 6 | 3 | - | - | - | - | - | - | - | 1 | 3 | - | - |
| 2 | Tottenham *HH-* | 4,642 | 97,174 | 68 | 28 | 10 | 6 | - | - | - | 3 | - | 1 | - | 2 | 5 | - | 1 |
| 3 | Edmonton *Www* | 7,489 | 36,351 | 27 | 19 | 7 | 5 | - | - | - | - | - | - | - | - | 2 | 4 | - |
| 4 | Enfield *WWHH* | 12,602 | 31,536 | 21 | 15 | 9 | 4 | - | - | - | 1 | 1 | - | 1 | - | 2 | 2 | - |
| 5 | Waltham Abbey | 11,017 | 6,066 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 6 | Cheshunt *H* | 8,480 | 9,620 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | Hatfield, *part of** *W* | 3,306 | 582 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | Bushey *H* | 9,331 | 7,737 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Watford *WH*, *part of** | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | Stratford *H* | 4,706 | 38,612 | 23 | 14 | 1 | 2 | - | 1 | - | - | - | 1 | - | - | 2 | - | 2 |
| 2 | Plaistow *WHHH* | | 53,030 | 62 | 23 | 9 | 4 | - | 2 | - | - | - | - | 1 | - | - | - | 1 |
| 3 | Canning Town *H* | | 54,750 | 40 | 18 | 2 | 3 | - | 1 | - | - | 1 | 1 | - | 1 | 2 | - | 2 |
| 4 | Forest Gate *w* | | 53,511 | 30 | 19 | 1 | 8 | - | - | - | 2 | - | - | - | - | - | - | - |
| 5 | East Ham *wH-* | 3,266 | 32,713 | 51 | 18 | 8 | 4 | - | - | - | 1 | 1 | - | - | 1 | 1 | - | - |
| 6 | Leyton *WWWwH* | 4,334 | 70,188 | 33 | 26 | 2 | 8 | - | 4 | - | - | - | - | 2 | 1 | 1 | 11 | - |
| 7 | Walthamstow *HHL-* | 6,501 | 57,330 | 51 | 22 | 4 | 6 | - | - | - | - | 1 | 1 | - | 3 | 3 | 1 | - |
| 1 | Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 5 | 4 | - | 2 | - | - | - | - | - | - | - | 1 | 1 | - | - |
| 2 | Epping *WH*, *part of** | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | Romford, *part of** *WH* | 6,556 | 4,324 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Ilford | 8,493 | 10,913 | 6 | 6 | 3 | 1 | - | - | - | - | - | 1 | - | - | - | 1 | - |
| 3 | Barking Town, *H* | 3,814 | 14,301 | 9 | 9 | 2 | 3 | - | - | - | - | - | - | - | 1 | 3 | - | - |
| | Middlesex Co. Lunatic Asy., Wandsworth. | — | — | - | 2 | - | 1 | - | - | - | - | - | - | - | - | - | 2 | - |
| | London Co. Lunatic Asy., Cane Hill. | — | — | - | 4 | - | 1 | - | - | - | - | - | - | - | - | - | 4 | - |
| | North-Eastern Fever Hosp. | — | — | - | 1 | - | - | - | - | 1 | - | - | - | - | - | - | 1 | - |

The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring as follows:—30: 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37: 1, the parishes of Warlingham l Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst b-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in tfield sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping p. 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for ectious Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford; and 187: 2, Epping sub-districts

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 26th November, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | ANNUAL RATE of MORTALITY per 1000 living. From All Causes. | ANNUAL RATE of MORTALITY per 1000 living. From Diseases in Cols. 8-14. | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Deaths in Public |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. | 16 |
| GREATER LONDON | **443,421** | **6,408,321** | **15·4** | **1·4** | **1891** | **437** | **501** | – | **37** | **9** | **54** | **22** | **40** | **12** | **84** | **51** |
| INNER LONDON - | 74,672 | 4,504,766 | 16·7 | 1·4 | 1439 | 320 | 382 | – | 24 | 7 | 38 | 16 | 33 | 6 | 66 | 47 |
| OUTER RING - | 368,749 | 1,903,555 | 12·4 | 1·4 | 452 | 117 | 119 | – | 13 | 2 | 16 | 6 | 7 | 6 | 18 | 4 |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent to the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

| CITIES. | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of Stillborn | DEATHS. Exclusive of Stillborn | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM PRINCIPAL ZYMOTIC DISEASES. Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœal Diseases. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 295,628 | November 26 | 133 | 121 | 21·3 | – | 4 | – | 1 | 3 | 2 | |
| GLASGOW - - | 724,349 | „ 26 | 396 | 268 | 19·3 | – | 4 | 1 | 3 | 12 | 7 | |
| DUBLIN - - | 349,594 | „ 26 | 186 | 208 | 31·0 | – | – | 4 | – | 5 | 2 | |
| CALCUTTA - - | 466,460 | October 15 | – | – | – | – | – | – | – | – | – | – |
| BOMBAY - - | 821,764 | November 8 | 300 | 608 | 38·5 | – | 3 | ? | ? | ? | 127† | 6 |
| MADRAS - - | 452,518 | October 28 | – | – | – | – | – | – | – | – | – | – |
| PARIS - - - | 2,511,629 | November 19 | 1112 | 829 | 17·1 | – | 1 | – | 6* | 6 | 3 | 2 |
| BRUSSELS - - | 551,011 | „ 19 | 268 | 177 | 16·7 | 1 | 3 | – | 2* | – | 1 | 2 |
| AMSTERDAM - | 508,266 | „ 12 | 259 | 193 | 19·7 | – | 8 | – | 3 | 7 | – | – |
| ROTTERDAM - | 303,878 | „ 12 | 203 | 90 | 15·2 | – | – | – | – | 5 | 2 | – |
| THE HAGUE - | 196,325 | „ 12 | 91 | 42 | 11·1 | – | 1 | 1 | – | 1 | – | – |
| COPENHAGEN - | 345,000 | „ 19 | 219 | 110 | 16·6 | – | 4 | 3 | 3 | 3 | – | |
| STOCKHOLM - | 283,550 | „ 12 | 127 | 96 | 17·6 | – | – | – | 7* | – | – | 1 |
| CHRISTIANIA - | 203,337 | „ 19 | 129 | 57 | 14·6 | – | – | 1 | 1 | – | – | |
| ST. PETERSBURG | 1,132,677 | „ 12 | 644 | 460 | 21·2 | 2 | 4 | 5 | 25 | 5 | 12 | 4 |
| MOSCOW - - | 988,610 | „ 12 | – | 452 | 23·8 | 5 | 2 | 5 | 14 | 2 | 9 | 4 |
| BERLIN - - | 1,773,003 | „ 5 | 816 | 565 | 16·4 | 1 | 3 | 4 | 15 | 9 | 2 | 3 |
| HAMBURG - - | 661,015 | „ 19 | – | 182 | 14·3 | – | – | – | 3* | 6 | – | |
| DRESDEN - - | 385,300 | „ 5 | – | – | – | – | – | – | – | – | – | – |
| BRESLAU - - | 392,795 | „ 19 | – | 168 | 22·3 | – | – | 1 | 3 | 5 | 1 | 1 |
| MUNICH - - | 430,000 | „ 19 | – | 174 | 21·0 | – | – | 1 | – | 2 | – | 3 |
| VIENNA - - | 1,590,295 | „ 19 | 961 | 510 | 16·5 | – | 2 | 4 | 9* | – | 3 | 3 |
| PRAGUE - - | 382,029 | „ 19 | – | – | – | – | – | – | – | – | – | – |
| BUDA-PESTH - | 648,104 | „ 12 | 440 | 284 | 22·8 | – | 13 | 9 | 1 | – | 5 | 1 |
| TRIESTE - - | 165,177 | „ 12 | 101 | 75 | 23·5 | – | – | 9 | 1* | – | 2 | |
| ROME - - - | 499,861 | „ 29 | – | – | – | – | – | – | – | – | – | – |
| TURIN (10 days) | 344,203 | „ 10 | – | – | – | – | – | – | – | – | – | – |
| VENICE - - | 169,545 | „ 5 | 63 | 59 | 18·1 | – | – | – | 1* | – | 1 | |
| CAIRO - - | 570,062 | August 12 | – | – | – | – | – | – | – | – | – | – |
| ALEXANDRIA - | 319,766 | „ 12 | – | – | – | – | – | – | – | – | – | – |
| NEW YORK (including BROOKLYN) | 3,438,899 | November 5 | 1596 | 1068 | 16·2 | – | 3 | 5 | 14 | 3 | 14 | 2 |
| PHILADELPHIA - | 1,240,266 | „ 12 | – | 397 | 16·7 | – | – | 1 | 27 | 4 | 5 | 1 |

* Including deaths from croup.
† Including 63 deaths from "plague."
‡ Including 1 death from cholera.

| 1898. Month and Day | Phases of the Moon. | Barometer. Mean daily reading (corrected and reduced to 32° Fahrenheit). | Temperature. Of the Air. High-est. | Temperature. Of the Air. Low-est | Temperature. Of the Air. Daily Range. | Temperature. Of the Air. Mean daily value. | Temperature. Of the Air. Departure from Average of 50 years. | Temperature. Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Difference. Great-est. | Difference. Least. | Degree of Humidity (Saturation equals 100). | Temperature. Of Radiation. Highest in Sun's Rays. | Temperature. Of Radiation. Lowest on the Grass. | Temperature. Of the Earth 3 feet below the Surface. | Wind as deduced from Anemometers. Osler's. General Direction. A.M. | Wind. Osler's. General Direction. P.M. | Wind. Osler's. Pressure on the Square Foot. Great-est. | Wind. Osler's. Pressure. Least. | Wind. Osler's. Pressure. Mean of 24 hourly obs. | Wind. Robinson's. Horizontal Movement of the Air on each Day. | Wind. Robinson's. Departure from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOVEMBER | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| SUNDAY - 20 | First Quarter. | 29·985 | 49·1 | 42·9 | 6·2 | 46·0 | + 3·9 | 41·3 | 4·7 | 8·0 | 1·3 | 84 | 56·9 | 34·8 | 52·13 | N. & S. | SSW., SSE. & WSW. | 0·1 | 0·0 | 0·0 | 119 | −182 | 0·00 | 0·0 |
| MONDAY - 21 | .. | 29·840 | 46·3 | 39·3 | 7·0 | 43·9 | + 1·8 | 42·2 | 1·7 | 4·8 | 0·0 | 94 | 49·0 | 35·8 | 51·90 | Variable & N. | N. & NNW. | 5·2 | 0·0 | 0·2 | 223 | − 78 | 0·54 | 0·0 |
| TUESDAY - 22 | In Equator | 29·865 | 39·4 | 29·2 | 10·2 | 34·5 | − 7·7 | 29·4 | 5·1 | 7·4 | 3·6 | 81 | 61·1 | 18·6 | 51·50 | NNW. | N. & NNW. | 6·8 | 0·0 | 0·9 | 374 | + 74 | 0·00 | 0·2 |
| WEDNESDAY 23 | .. | 29·092 | 40·6 | 29·0 | 11·6 | 36·9 | − 5·2 | 34·7 | 2·2 | 3·9 | 1·9 | 92 | 45·2 | 18·1 | 50·98 | S. & SSE. | SSE. & SE. | 6·0 | 0·0 | 0·7 | 357 | + 58 | 0·12 | 0·8 |
| THURSDAY- 24 | .. | 28·751 | 45·0 | 35·9 | 9·1 | 41·1 | − 1·0 | 39·5 | 1·6 | 2·6 | 0·7 | 94 | 47·9 | 35·0 | 50·20 | SE. & ESE. | ESE. & SE. | 4·7 | 0·0 | 0·5 | 322 | + 24 | 0·18 | 0·5 |
| FRIDAY - 25 | .. | 28·708 | 51·0 | 42·8 | 8·2 | 46·0 | + 4·0 | 43·0 | 3·0 | 6·7 | 0·4 | 89 | 88·5 | 34·0 | 49·46 | ESE., SE. & SSE. | S. & SE. | 3·2 | 0·0 | 0·2 | 230 | − 67 | 0·53 | 1·5 |
| SATURDA - 26 | .. | 28·851 | 44·8 | 41·7 | 3·1 | 43·3 | + 1·4 | 41·8 | 1·5 | 3·1 | 0·4 | 95 | 45·2 | 32·0 | 48·22 | SSE., ENE. & calm. | NW, WNW. & WSW. | 1·4 | 0·0 | 0·0 | 156 | −140 | 0·51 | 0·0 |
| MEANS - | | 29·299 | 45·2 | 37·3 | 7·9 | 41·7 | − 0·4 | 38·8 | 2·8 | 5·2 | 1·2 | 90 | 56·3 | 29·8 | 50·63 | N. & SE. | | .. | .. | .. | Sum 1781 | Sum −311 | Sum 1·88 | 0·4 |
| No. of Column - | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| DATE. NOVEMBER | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | GENERAL REMARKS. |
|---|---|---|---|---|
| SUNDAY - 20 | w. P. till 10h. A.M.; m. P. afterwards. | 0·0 | 8·6 | Generally cloudy; fine in evening. A slight shower at 10h. 30m. A.M. |
| MONDAY - 21 | w. P. and m. N. till 6h. P.M.: w. P. afterwards. | 0·0 | 8·5 | Overcast; frequent rain till evening. Foggy and gloomy in forenoon. |
| TUESDAY - 22 | w. P. generally till 8h. A.M.; s. P. afterwards. | 5·2 | 8·5 | Fine; partially cloudy. Hoar frost and lunar halo at night. A very cold day. |
| WEDNESDAY 23 | m. P. till 4h. A.M.; w. P. till 8h. A.M.; v. N. afterwards. | 0·0 | 8·4 | Generally overcast; frequent rain. |
| THURSDAY- 24 | v. N. and w. P. throughout. | 0·0 | 8·4 | Generally overcast; frequent rain. |
| FRIDAY - 25 | v. P. and v. N. throughout. | 1·8 | 8·3 | Generally cloudy with frequent showers till 5h. P.M.: fine till 10h. P.M.; overcast with rain afterwards. Lunar halo observed in evening. |
| SATURDAY - 26 | v. P. and v. N. till 9h. P.M.; w. P. afterwards. | 0·0 | 8·3 | Generally overcast; frequent rain. Great gloom prevalent between 10h. 30m. A.M. and 1h. P.M. Faint lunar halo at night. |
| | | Sum 7·0 | Sum 59·0 | |
| No. of Col. - - | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased from 30·00 in. at the beginning of the week to 29·79 in. by midnight on the 21st; increased to 29·91 in. by 11h. A.M. on the 22nd; decreased to 28·60 in. by 4h. A.M. on the 25th; and increased to 28·89 in. by the end of the week.

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1898.

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# WEEKLY RETURN
OF
# BIRTHS AND DEATHS IN LONDON
AND IN
## THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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No. 48. 1898. VOL. LIX.] WEEK ENDING SATURDAY, DEC. 3. [Price 1½*d.*

*General Register Office, Somerset House,*
*December 5th,* 1898.

### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 19·1 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS. | Weeks ending | | | | TOWNS. | Weeks ending | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Nov. 12. | Nov. 19. | Nov. 26. | Dec. 3. | | Nov. 12. | Nov. 19. | Nov. 26. | Dec. 3. |
| 33 Great Towns | 17·3 | 17·0 | 17·4 | 19·1 | Leicester - - | 14·5 | 16·0 | 17·5 | 21·5 |
| Birkenhead - | 20·7 | 18·0 | 13·4 | 18·9 | Liverpool - - | 22·5 | 22·6 | 22·3 | 21·3 |
| Birmingham - | 18·0 | 15·9 | 18·5 | 21·3 | London - - - | 16·3 | 16·6 | 16·7 | 18·2 |
| Blackburn - | 18·0 | 20·4 | 18·4 | 22·3 | Manchester - - | 21·5 | 19·4 | 19·9 | 21·7 |
| Bolton - - | 17·5 | 15·8 | 19·2 | 21·7 | Newcastle-on-Tyne | 18·9 | 22·4 | 18·0 | 24·8 |
| Bradford - | 15·2 | 20·3 | 14·3 | 18·7 | Norwich - - | 21·5 | 18·2 | 19·1 | 16·3 |
| Brighton - | 19·2 | 14·5 | 21·3 | 20·5 | Nottingham - - | 16·6 | 16·1 | 18·3 | 18·1 |
| Bristol - | 13·7 | 16·0 | 16·9 | 18·1 | Oldham - - | 16·9 | 11·6 | 20·0 | 17·2 |
| Burnley - | 12·4 | 16·2 | 13·8 | 12·4 | Plymouth - - | 19·5 | 15·8 | 12·6 | 18·4 |
| Cardiff - - | 13·2 | 12·0 | 12·3 | 15·3 | Portsmouth - - | 17·6 | 16·2 | 17·3 | 19·3 |
| Croydon - | 11·3 | 8·8 | 11·3 | 17·2 | Preston - - | 23·3 | 24·2 | 21·5 | 20·6 |
| Derby - - | 11·9 | 10·9 | 24·9 | 23·4 | Salford - - - | 19·6 | 20·5 | 19·6 | 24·2 |
| Gateshead - | 22·6 | 15·6 | 21·6 | 17·1 | Sheffield - - | 16·8 | 17·8 | 16·5 | 18·1 |
| Halifax - | 15·6 | 18·3 | 13·5 | 13·5 | Sunderland - - | 15·2 | 17·0 | 20·3 | 15·9 |
| Huddersfield- | 15·8 | 15·8 | 12·2 | 21·9 | Swansea - - | 22·5 | 17·4 | 14·3 | 20·4 |
| Hull - - | 18·1 | 12·0 | 14·3 | 16·1 | West Ham - - | 14·9 | 13·8 | 14·7 | 21·1 |
| Leeds - - | 18·4 | 16·5 | 18·1 | 17·4 | Wolverhampton - | 19·0 | 23·1 | 26·1 | 27·8 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·0 in Swansea and in Huddersfield, 1·1 in West Ham, 1·2 in Newcastle-on-Tyne, 1·4 in Portsmouth, and 1·7 in Bolton; from *whooping-cough*, 1·0 in Swansea and 2·7 in Preston; from "*fever*," 1·2 in Blackburn, 1·5 in Sheffield, and 1·8 in Wolverhampton; and from *diarrhœa*, 1·5 in Salford. In none of the thirty-three towns did the death-rate from *scarlet fever* reach 1·0 per 1000. The 108 deaths from *diphtheria* included 43 in London, 15 in Leeds, 9 in Swansea, 7 in West Ham, 4 in Blackburn, 4 in Sheffield, 3 in Portsmouth, 3 in Cardiff, 3 in Birmingham, and 3 in Liverpool. No death from *small-pox* was registered in any of the thirty-three towns.

### LONDON.

In LONDON† 2575 BIRTHS and 1569 DEATHS were registered. Allowing for increase of population, the births were 88 above, and the deaths 99 below, the average numbers in the corresponding weeks of the last ten

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong

years. The annual death-rate per 1000 from all causes, which had been 16·3, 16·6, and 16·7 in the preceding three weeks, further rose last week to 18·2. During the four weeks ending on Saturday last the death-rate averaged 17·0 per 1000, being 2·4 per 1000 below the mean rate in the corresponding periods of the ten years 1888–97.

The 1569 deaths included 25 from measles, 9 from scarlet fever, 43 from diphtheria, 28 from whooping-cough, 21 from enteric fever, 17 from diarrhœa and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 143 deaths were referred to these diseases, being 64 below the corrected average weekly number.

The deaths from *measles*, which had been 19, 19, and 24 in the preceding three weeks, further rose last week to 25, but were 41 below the corrected average; 5 cases belonged to St. Pancras, 5 to Bethnal Green, 3 to Islington, and 3 to Limehouse sanitary areas. The deaths from *scarlet fever*, which had been 17, 12, and 7 in the preceding three weeks, rose again last week to 9, but were 15 below the corrected average. The deaths from *diphtheria*, which had been 31, 44, and 38 in the preceding three weeks, rose again last week to 43, but were 7 below the corrected average; 6 cases belonged to St. Pancras, 5 to Lambeth, 4 to Wandsworth, and 3 to Camberwell sanitary areas. The deaths from *whooping-cough*, which had been 13, 14, and 16 in the preceding three weeks, further rose last week to 28, but were 5 below the corrected average; 6 cases belonged to Wandsworth, and 5 to Newington sanitary areas. The fatal cases of *enteric fever*, which had been 27, 28, and 33 in the preceding three weeks, fell again last week to 21, but were 4 above the corrected average; 3 cases belonged to Limehouse sanitary area. The deaths from *diarrhœa*, which had been 17, 16, and 6 in the preceding three weeks, rose again last week to 17, the corrected average being 16. The deaths referred to diseases of the respiratory organs, which had been 248, 285, and 280 in the preceding three weeks, rose again last week to 340, but were 71 below the corrected average. The deaths attributed directly to *influenza* numbered 14, having been 14, 10, and 11 in the preceding three weeks.

Different forms of violence caused 76 deaths, concerning all but 1 of which inquests were held. Of these 76 deaths, 7 were cases of suicide, and 2 of homicide, while the remaining 67 were attributed to accident or negligence. Three of these were referred to vehicles in the streets, 10 to burns and scalds, and 21 (including 20 of infants under one year of age), to suffocation in bed.

### Cases of Infectious Sickness in Hospitals*.

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 3142 cases of scarlet fever, 1274 of diphtheria, and 286 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 264 cases, against 340, 319, and 234; of diphtheria, 168 cases, against 179, 187, and 157; and of enteric fever, 47 cases, against 43, 45, and 53.

### Greater London.

In Greater London 3588 births and 2079 deaths were registered, corresponding to annual rates of 29·2 and 16·9 per 1000 of the estimated population. In the Outer Ring 11 deaths from measles, 3 from scarlet fever, 17 from diphtheria, 6 from whooping-cough, 12 from "fever," and 2 from diarrhœa were registered. Eight deaths from measles, 9 from diphtheria, and 3 from "fever" occurred in West Ham district; 3 deaths from "fever" occurred in Croydon and 2 in Edmonton districts.

### Meteorology.

The mean reading of the Barometer last week at Greenwich was 29·48 inches, and that of the Thermometer 44°·1; the latter being 3°·2 above the week's average in the 50 years 1841–90. The direction of the wind was variable, the horizontal movement of the air being 27 per cent. above the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 5·6 hours; the measured rainfall amounted to 0·26 of an inch.

* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.

| Cities and Boroughs. | Population estimated to the middle of the Year 1896.* | Registered during the Week ending 3rd December 1896. Births. | Registered during the Week ending 3rd December 1896. Deaths. | The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Annual Rate per 1000, corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6-12. | Temperature of the Air. Highest. Fahrenheit. | Lowest. Fahrenheit. | Mean. Fahrenheit. | Mean. Centigrade. | Rainfall. In Inches. | In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| **33 Towns** | **11,218,378** | **6638** | **4108** | **992** | **1008** | **-** | **87** | **40** | **108** | **71** | **71** | **49** | **161** | **342** | **891** | **62** | **19·1** | **2·0** | **57·2** | **26·2** | **42·7** | **5·94** | **0·49** | **1·24** | **33 Towns.** |
| London | 4,504,766 | 2575 | 1569 | 362 | 439 | - | 25 | 9 | 43 | 28 | 21 | 17 | 76 | 179 | 446 | 10 | 18·2 | 1·7 | 54·5 | 30·0 | 44·1 | 6·72 | 0·26 | 0·66 | London. |
| West Ham | 286,654 | 153 | 116 | 35 | 25 | - | 6 | 1 | 7 | 1 | - | - | 4 | 8 | 19 | 3 | 21·1 | 2·7 | - | - | - | - | - | - | West Ham. |
| Croydon | 124,421 | 64 | 41 | 5 | 18 | - | - | - | - | 2 | 2 | - | 2 | 3 | 7 | - | 17·2 | 1·7 | 55·5 | 26·2 | 42·5 | 5·83 | 0·54 | 1·37 | Croydon. |
| Brighton | 122,316 | 71 | 48 | 15 | 14 | - | - | - | 2 | - | 1 | - | 1 | 1 | 13 | - | 20·5 | 1·3 | 54·0 | 30·0 | 44·5 | 6·94 | 0·76 | 1·93 | Brighton. |
| Portsmouth | 186,618 | 92 | 69 | 17 | 18 | - | 5 | - | 3 | - | 1 | - | 2 | 4 | 8 | 2 | 19·3 | 2·5 | - | - | - | - | - | - | Portsmouth. |
| Plymouth | 99,136 | 46 | 35 | 4 | 15 | - | - | - | 1 | - | - | - | - | - | 2 | - | 18·4 | 0·5 | - | - | - | - | - | - | Plymouth. |
| Bristol | 316,900 | 181 | 110 | 28 | 40 | - | 1 | - | - | 2 | - | 3 | 2 | 8 | 14 | 1 | 18·1 | 1·0 | 53·0 | 31·0 | 42·5 | 5·83 | 0·42 | 1·07 | Bristol. |
| Cardiff | 177,770 | 103 | 52 | 18 | 8 | - | 1 | 1 | 3 | 3 | 1 | - | 2 | 2 | 9 | 3 | 15·3 | 2·6 | - | - | - | - | - | - | Cardiff. |
| Swansea | 102,001 | 58 | 40 | 9 | 4 | - | 2 | - | 9 | 2 | - | - | - | 1 | 1 | - | 20·4 | 6·6 | - | - | - | - | - | - | Swansea. |
| Wolverhampton | 88,051 | 57 | 47 | 13 | 10 | - | - | - | 1 | - | 3 | - | 2 | 5 | 8 | 1 | 27·8 | 2·4 | 56·2 | 28·5 | 40·4 | 4·67 | 0·02 | 0·05 | Wolverhampton. |
| Birmingham | 510,343 | 324 | 208 | 57 | 42 | - | 5 | - | 3 | 1 | 1 | 3 | 13 | 19 | 46 | 11 | 21·3 | 1·3 | - | - | - | - | - | - | Birmingham. |
| Norwich | 111,699 | 76 | 35 | 7 | 11 | - | 1 | 1 | - | - | 1 | - | 3 | 4 | 3 | - | 16·3 | 1·4 | 55·8 | 30·6 | 43·5 | 6·39 | 1·55 | 3·94 | Norwich. |
| Leicester | 208,662 | 143 | 86 | 12 | 14 | - | - | 3 | 1 | 1 | 2 | 1 | 1 | 3 | 8 | 3 | 21·5 | 2·0 | - | - | - | - | - | - | Leicester. |
| Nottingham | 236,137 | 128 | 82 | 25 | 18 | - | 3 | - | 1 | 1 | 1 | - | 4 | 7 | 16 | 1 | 18·1 | 1·3 | 56·8 | 32·2 | 42·4 | 5·78 | 0·15 | 0·38 | Nottingham. |
| Derby | 104,834 | 50 | 47 | 11 | 10 | - | - | - | 1 | - | 1 | - | 1 | 3 | 10 | - | 23·4 | 1·0 | - | - | - | - | - | - | Derby. |
| Birkenhead | 113,189 | 69 | 41 | 13 | 9 | - | - | 2 | 2 | 1 | 1 | - | - | 2 | 9 | 1 | 18·9 | 2·8 | - | - | - | - | - | - | Birkenhead. |
| Liverpool | 633,645 | 492 | 259 | 48 | 58 | - | 10 | 8 | 3 | 6 | 1 | 5 | 9 | 14 | 73 | 8 | 21·3 | 2·7 | 57·2 | 31·4 | 43·8 | 6·56 | 0·14 | 0·36 | Liverpool. |
| Bolton† | 122,495 | 71 | 51 | 9 | 13 | - | 4 | - | - | - | 1 | - | 2 | 6 | 5 | - | 21·7 | 2·1 | - | - | - | - | - | - | Bolton.† |
| Manchester | 539,079 | 348 | 224 | 70 | 43 | - | 9 | 2 | 2 | 5 | 6 | 6 | 4 | 6 | 47 | 4 | 21·7 | 2·9 | - | - | - | - | - | - | Manchester. |
| Salford | 215,702 | 148 | 100 | 25 | 25 | - | 3 | 3 | 1 | 1 | 1 | 6 | 2 | 5 | 26 | 1 | 24·2 | 3·6 | - | - | - | - | - | - | Salford. |
| Oldham | 148,288 | 65 | 49 | 14 | 13 | - | - | - | - | 2 | - | 1 | 1 | 2 | 3 | - | 17·2 | 1·1 | - | - | - | - | - | - | Oldham. |
| Burnley | 109,546 | 56 | 26 | 8 | 5 | - | - | - | - | - | - | 1 | 1 | 1 | 5 | - | 12·4 | 0·5 | - | - | - | - | - | - | Burnley. |
| Blackburn | 133,228 | 74 | 57 | 19 | 2 | - | 1 | 1 | 4 | - | 3 | - | 2 | 3 | 2 | 1 | 22·3 | 3·5 | - | - | - | - | - | - | Blackburn. |
| Preston | 116,356 | 66 | 46 | 11 | 7 | - | - | - | - | 6 | 1 | - | - | - | 5 | 3 | 20·6 | 3·1 | - | - | - | - | - | - | Preston. |
| Huddersfield | 102,454 | 42 | 43 | 9 | 10 | - | 2 | - | - | 1 | - | 1 | 3 | 3 | 7 | 1 | 21·9 | 2·0 | 53·8 | 30·5 | 41·3 | 5·17 | 0·49 | 1·24 | Huddersfield. |
| Halifax | 96,729 | 52 | 25 | 4 | 6 | - | - | 1 | - | - | - | - | 1 | 2 | 4 | - | 13·5 | 0·5 | - | - | - | - | - | - | Halifax. |
| Bradford | 233,737 | 119 | 84 | 19 | 16 | - | - | 1 | 1 | 3 | 4 | - | 3 | 7 | 17 | 2 | 18·7 | 2·0 | 55·0 | 30·0 | 42·0 | 5·56 | 0·52 | 1·32 | Bradford. |
| Leeds | 416,618 | 252 | 139 | 35 | 29 | - | 1 | 3 | 15 | 2 | 3 | - | 3 | 10 | 19 | 1 | 17·4 | 3·0 | - | - | - | - | - | - | Leeds. |
| Sheffield | 356,478 | 213 | 124 | 25 | 28 | - | 1 | 2 | 4 | 1 | 10 | - | 9 | 9 | 27 | | 18·1 | 2·6 | - | - | - | - | - | - | Sheffield. |
| Hull | 229,887 | 138 | 71 | 19 | 19 | - | 1 | 1 | - | 1 | 3 | 3 | 4 | 9 | 4 | 1 | 16·1 | 2·0 | - | - | - | - | - | - | Hull. |
| Sunderland | 143,849 | 101 | 44 | 9 | 12 | - | 1 | 1 | - | - | - | - | 1 | 3 | 6 | - | 15·9 | 0·7 | - | - | - | - | - | - | Sunderland. |
| Gateshead | 103,775 | 68 | 34 | 6 | 9 | - | - | - | - | 1 | - | - | - | 2 | 8 | - | 17·1 | 0·5 | - | - | - | - | - | - | Gateshead. |
| Newcastle | 223,021 | 143 | 106 | 31 | 18 | - | 5 | - | 1 | - | 2 | 2 | 3 | 11 | 14 | 1 | 24·8 | 2·3 | - | - | - | - | - | - | Newcastle. |

* See note * on first page of this return.

† The recent extension of the Borough of Bolton will not be taken into account in the Weekly Returns until 1899.

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the FORTY-EIGHTH Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2367 | 2321 | 1980 | 2480 | 2381 | 2405 | 2550 | 2159 | 2530 | 2459 | 2486·8 | 2575 |
| Males - - | 1180 | 1202 | 1009 | 1264 | 1237 | 1199 | 1280 | 1081 | 1324 | 1253 | 1265·8 | 1358 |
| Females - | 1187 | 1119 | 971 | 1216 | 1144 | 1206 | 1270 | 1078 | 1206 | 1206 | 1221·0 | 1217 |
| TOTAL **Deaths** - | 1352 | 1448 | 1527 | 1715 | 1451 | 2235 | 1347 | 1455 | 1596 | 1725 | 1668·0 | 1569 |
| Males - - | 685 | 729 | 767 | 850 | 735 | 1150 | 700 | 745 | 846 | 836 | 846·4 | 797 |
| Females - - | 667 | 719 | 760 | 865 | 716 | 1085 | 647 | 710 | 750 | 889 | 821·6 | 772 |

*The numbers in this column are the average weekly numbers in the forty-eighth week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | Sept. 10. | Sept. 17. | Sept. 24. | Oct. 1. | Oct. 8. | Oct. 15. | Oct. 22, | Oct. 29. | Nov. 5. | Nov. 12. | Nov. 19. | Nov. 26. | Dec. 3. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** - - | 2446 | 2499 | 2574 | 2614 | 2554 | 2454 | 2468 | 2652 | 2530 | 2696 | 2585 | 2155 | 2575 |
| TOTAL **Deaths** - - - | 2007 | 1832 | 1863 | 1700 | 1620 | 1600 | 1497 | 1411 | 1394 | 1405 | 1436 | 1439 | 1569 |
| Ages at Death: Under 1 year - - | 929 | 786 | 764 | 619 | 498 | 415 | 351 | 349 | 357 | 328 | 310 | 320 | 362 |
| 1—5 years - - | 244 | 211 | 202 | 195 | 182 | 180 | 167 | 169 | 155 | 158 | 175 | 157 | 203 |
| 5—20 " - - | 76 | 64 | 86 | 76 | 76 | 95 | 93 | 82 | 73 | 76 | 103 | 95 | 78 |
| 20—40 " - - | 200 | 178 | 204 | 185 | 180 | 204 | 199 | 178 | 198 | 191 | 194 | 198 | 190 |
| 40—60 " - - | 241 | 270 | 269 | 293 | 314 | 324 | 320 | 282 | 276 | 293 | 299 | 237 | 297 |
| 60—80 " - - | 256 | 269 | 266 | 288 | 291 | 307 | 290 | 287 | 258 | 299 | 286 | 302 | 349 |
| 80 years and upwards | 61 | 54 | 72 | 44 | 79 | 75 | 77 | 64 | 77 | 60 | 69 | 80 | 90 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox - - - - | - | - | - | - | - | 1 | - | - | - | - | - | - | - |
| Measles - - - - - | 16 | 8 | 12 | 10 | 7 | 9 | 12 | 19 | 23 | 19 | 19 | 24 | 25 |
| Scarlet Fever - - - | 8 | 3 | 9 | 10 | 7 | 7 | 14 | 10 | 13 | 17 | 12 | 7 | 9 |
| Diphtheria - - - - | 30 | 29 | 29 | 33 | 34 | 41 | 30 | 46 | 28 | 31 | 44 | 38 | 43 |
| Whooping-cough - - - | 40 | 25 | 31 | 29 | 18 | 17 | 10 | 13 | 10 | 13 | 14 | 16 | 28 |
| Typhus - - - - - | - | - | - | - | - | - | - | - | 1 | - | - | - | - |
| Enteric Fever - - - | 19 | 7 | 9 | 9 | 6 | 18 | 28 | 20 | 29 | 27 | 28 | 33 | 21 |
| Simple Continued Fever - | - | - | - | - | - | - | - | 2 | - | - | - | - | - |
| Diarrhœa and Dysentery .. | 433 | 397 | 347 | 247 | 138 | 99 | 48 | 33 | 34 | 17 | 16 | 6 | 17 |
| Cholera - - - - - | 13 | 14 | 7 | 10 | 1 | 1 | - | 1 | - | - | - | 1 | - |
| All the above Diseases - | 559 | 483 | 444 | 348 | 211 | 193 | 142 | 144 | 138 | 124 | 133 | 125 | 143 |
| Dis. of Respiratory System - | 130 | 135 | 157 | 200 | 226 | 263 | 263 | 262 | 237 | 248 | 285 | 280 | 340 |
| Phthisis - - - - - | 140 | 133 | 127 | 147 | 148 | 173 | 169 | 140 | 135 | 155 | 184 | 148 | 161 |
| Dis. of Circulatory System - | 111 | 123 | 121 | 136 | 140 | 143 | 137 | 125 | 130 | 133 | 125 | 145 | 145 |
| Violence - - - - - | 71 | 96 | 58 | 66 | 76 | 56 | 52 | 63 | 50 | 71 | 67 | 66 | 76 |
| Inquest Cases - - - - | 135 | 166 | 133 | 147 | 147 | 145 | 121 | 135 | 114 | 143 | 137 | 139 | 179 |
| Deaths in Public Institutions - | 470 | 469 | 494 | 445 | 483 | 489 | 459 | 459 | 433 | 451 | 468 | 473 | 446 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean - - - - - - | 70°·4 | 66°·4 | 57°·2 | 52°·9 | 56°·1 | 49°·5 | 55°·3 | 55°·5 | 49°·8 | 49°·6 | 48°·0 | 41°·7 | 44°·1 |
| Mean of Highest readings - | 83·6 | 79·5 | 68·7 | 63·8 | 62·4 | 55·1 | 60·0 | 61·0 | 56·5 | 56·0 | 52·5 | 45·2 | 47·6 |
| Mean of Lowest readings - | 60·0 | 55·1 | 47·1 | 42·5 | 50·1 | 44·5 | 50·8 | 50·6 | 43·0 | 44·0 | 43·1 | 37·3 | 39·5 |
| Humidity of the Air - - | 68 | 64 | 75 | 72 | 82 | 86 | 87 | 82 | 79 | 93 | 89 | 90 | 85 |
| Rain-fall (in inches) - - | 0·00 | 0·02 | 0·12 | 0·16 | 0·02 | 0·42 | 1·42 | 1·03 | 0·52 | 0·02 | 0·02 | 1·88 | 0·26 |
| Registered Sunshine (in hours) | 59·7 | 56·8 | 33·8 | 42·4 | 18·3 | 12·5 | 10·9 | 22·2 | 28·7 | 27·2 | 10·7 | 7·0 | 5·6 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox - - - - - | 3 | 2 | 1 | - | - | - | - | - | - | - | - | - | - |
| Scarlet Fever - - - - | 2300 | 2319 | 2353 | 2459 | 2606 | 2728 | 2915 | 3031 | 3092 | 3188 | 3259 | 3162 | 3142 |
| Diphtheria - - - - | 893 | 916 | 964 | 1027 | 1052 | 1125 | 1169 | 1187 | 1241 | 1251 | 1251 | 1250 | 1274 |
| Enteric Fever - - - - | 119 | 127 | 128 | 155 | 176 | 191 | 214 | 223 | 230 | 242 | 252 | 266 | 286 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley Wolverhampton; Arthur Brown, Esq., M.Inst.C.E., and F. Boobbyer Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S. Preston; A. Johnson, Esq., M.Inst.C.E., Bradford; and Mr. E. Peak, Hull.

**ABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-EIGHTH Week of the Year 1898.**

| USES OF DEATH | Corrected Averages for the 48th Week of the 10 years 1888–97*. | In the Week ending Saturday, 3rd December 1898. Deaths of Persons of the Ages: All Ages. | Under 20. 0–1 | 1–5. | 5–20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| AUSES - - - | 1668·0 | 1569 | 362 | 203 | 78 | 190 | 297 | 349 | 90 |
| l- Vaccinated† - | 0·2 | - | - | - | - | - | - | - | - |
| Unvaccinated | 0·1 | - | - | - | - | - | - | - | - |
| No Statement | - | - | - | - | - | - | - | - | - |
| es - - - - - | 66·2 | 25 | 4 | 21 | - | - | - | - | - |
| t Fever - - - | 24·2 | 9 | - | 6 | 2 | 1 | - | - | - |
| ns - - - - - | - | - | - | - | - | - | - | - | - |
| sing Fever - - | - | - | - | - | - | - | - | - | - |
| nza - - - - - | 14·1 | 14 | 1 | - | 1 | 1 | 5 | 6 | - |
| oping-cough - - | 32·7 | 28 | 12 | 15 | 1 | - | - | - | - |
| neria - - | 49·7 | 43 | 2 | 28 | 12 | 1 | - | - | - |
| e Continued and defined Fever - | 0·5 | - | - | - | - | - | - | - | - |
| c Fever - - - | 16·9 | 21 | - | - | 6 | 12 | 2 | 1 | - |
| ra and Chol. Diarr. | 0·1 | - | - | - | - | - | - | - | - |
| hœa, Dysentery - | 16·2 | 17 | 13 | - | - | - | 1 | 3 | - |
| tent Fever - - | 0·1 | - | - | - | - | - | - | - | - |
| phobia - - - | - | - | - | - | - | - | - | - | - |
| ers - - - - - | - | - | - | - | - | - | - | - | - |
| ox and Effects of vination - - | 0·7 | - | - | - | - | - | - | - | - |
| eal Affections - - | 10·1 | 7 | 4 | - | - | 2 | - | 1 | - |
| belas - - - | 6·4 | 2 | - | - | - | 1 | - | 1 | - |
| ia and Septicæmia | 3·1 | 3 | 2 | - | - | 1 | - | - | - |
| eral Fever - - | 4·4 | 5 | - | - | - | 5 | - | - | - |
| Zymotic Diseases | 2·0 | - | - | - | - | - | - | - | - |
| n - - - - - | 0·7 | - | - | - | - | - | - | - | - |
| s and other Parasitical Diseases - | - | - | - | - | - | - | - | - | - |
| tion, Want of st-milk - - | 2·0 | 3 | 3 | - | - | - | - | - | - |
| olism - - - | 8·6 | 8 | - | - | - | 1 | 5 | 2 | - |
| natic Fever, umatism of Heart | 7·8 | 7 | - | - | 5 | 1 | 1 | - | - |
| natism - - - | 1·8 | 1 | - | - | - | - | - | 1 | - |
| - - - - - | 2·9 | 8 | - | - | - | - | 2 | 5 | 1 |
| s - - - - - | 3·6 | 4 | 1 | 3 | - | - | - | - | - |
| - - - - - | 63·8 | 73 | - | - | 1 | 4 | 36 | 30 | 2 |
| Mesenterica - - | 14·7 | 21 | 9 | 10 | 1 | 1 | - | - | - |
| cular Meningitis - | 21·0 | 17 | 4 | 7 | 5 | 1 | - | - | - |
| is - - - - - | 158·1 | 161 | 2 | 3 | 11 | 68 | 68 | 9 | - |
| la, Tuberculosis - | 17·2 | 21 | 4 | 7 | 4 | 3 | 2 | - | 1 |
| Constitutional ases - - | 14·7 | 12 | 1 | 1 | - | 3 | 3 | 3 | 1 |
| ture Birth - - | 47·6 | 56 | 56 | - | - | - | - | - | - |
| tasis - - - | 3·5 | 6 | 6 | - | - | - | - | - | - |
| nital Malforma- s - - - | 8·9 | 10 | 9 | 1 | - | - | - | - | - |
| re - - - - - | 48·6 | 49 | - | - | - | - | 1 | 20 | 28 |
| oxy - - - - | 44·0 | 57 | - | - | - | 5 | 9 | 38 | 5 |
| sy - - - - - | 7·4 | 10 | - | - | 1 | 2 | 5 | 2 | - |
| lsions - - - | 39·4 | 36 | 34 | 1 | 1 | - | - | - | - |
| Diseases of Brain Nervous System | 79·7 | 58 | 7 | 6 | 3 | 10 | 11 | 19 | 2 |
| es of Organs of ial Sense - | 4·3 | 4 | 1 | 1 | 1 | 1 | - | - | - |

| CAUSES OF DEATH | Corrected Averages for the 48th Week of the 10 years 1888–97*. | In the Week ending Saturday, 3rd December 1898. Deaths of Persons of the Ages: All Ages. | Under 20. 0–1. | 1–5. | 5–20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 135·9 | 145 | - | 1 | 5 | 21 | 38 | 67 | 13 |
| Croup - - - - | 5·8 | 1 | - | 1 | - | - | - | - | - |
| Bronchitis - - - | 241·3 | 193 | 54 | 26 | - | 3 | 27 | 65 | 18 |
| Pneumonia - - - | 129·1 | 118 | 35 | 39 | 6 | 9 | 11 | 12 | 6 |
| Pleurisy - - - - | 5·3 | 7 | - | 1 | - | 1 | 2 | 3 | - |
| Other Diseases of Respiratory System - | 29·8 | 21 | 4 | 5 | - | 1 | 6 | 3 | 2 |
| Dentition - - - - | 7·4 | 4 | 3 | 1 | - | - | - | - | - |
| Quinsy, Sore Throat - | 1·6 | - | - | - | - | - | - | - | - |
| Enteritis - - - - | 11·6 | 13 | 6 | - | 1 | - | 3 | 2 | 1 |
| Peritonitis - - - | 7·4 | 5 | - | 1 | 1 | 1 | 1 | 1 | - |
| Diseases of Liver - - | 26·0 | 33 | 3 | - | - | 2 | 19 | 9 | - |
| Other Diseases of Digestive System | 31·0 | 27 | 7 | 1 | - | 5 | 4 | 8 | 2 |
| Diseases of Lymphatic System & of Ductless Glands - - - | 2·6 | 2 | - | - | - | - | 2 | - | - |
| Diseases of Urinary System - - - | 45·8 | 51 | 1 | 1 | 2 | 2 | 17 | 23 | 5 |
| Diseases of Generative System - - - | 5·7 | 5 | - | 1 | 1 | 2 | 1 | - | - |
| Accidents of Childbirth - | 4·9 | 7 | - | - | - | 6 | 1 | - | - |
| Diseases of Locomotive System - - - | 6·9 | 2 | - | 1 | - | - | - | 1 | - |
| Diseases of Integumentary System - - | 6·2 | 9 | 1 | 2 | 1 | 2 | 1 | 2 | - |
| VIOLENT DEATHS.‡ | | | | | | | | | |
| (ACCIDENT.) | | | | | | | | | |
| By Railways - - - | 53·2 | 4 | - | - | - | 1 | 1 | 2 | - |
| By Vehicles or Horses - | | 3 | 1 | - | - | 1 | - | 1 | - |
| In Ships, Boats, Docks, (exclusive of Drowning) - - - | | - | - | - | - | - | - | - | - |
| In Building Operations - | | - | - | - | - | - | - | - | - |
| In Conflagrations - | | - | - | - | - | - | - | - | - |
| By Burns, Scalds, Explosions - - | | 10 | - | 6 | 1 | - | 2 | - | 1 |
| By Drowning - - - | | 6 | - | - | 1 | 1 | 3 | 1 | - |
| By Suffocation in Bed - | | 21 | 20 | - | 1 | - | - | - | - |
| By Poisons or Poisonous Vapours - - | | - | - | - | - | - | - | - | - |
| Other or not stated causes - - - - | | 23 | 5 | 2 | 2 | 1 | 5 | 6 | 2 |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - - | 1·9 | 2 | - | - | - | 2 | - | - | - |
| Suicide - - - - | 7·2 | 7 | - | - | - | 4 | 2 | 1 | - |
| Execution - - - | - | - | - | - | - | - | - | - | - |
| OTHER CAUSES - | 53·4 | 54 | 47 | 4 | 1 | 1 | - | 1 | - |

e numbers in this column are the average weekly deaths for the ten years 1888–97, raised by 5·230 per cent. for increase ulation.

ly those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered al men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

e evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of nt, murder manslaughter or suicide All such cases are classed under "accident."

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEAS SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in SUB-DISTRICT during the Week ending Saturday, 3rd December, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2575 | 1569 | 362 | 439 | - | 25 | 9 | 43 | 28 | - | 21 | - | 17 | 76 | 179 | 44 |
| WEST DISTRICTS - - - | 778,251 | 390 | 248 | 54 | 74 | - | - | 2 | 2 | 3 | - | 4 | - | 5 | 11 | 28 | 8 |
| NORTH DISTRICTS - - - | 1,040,694 | 589 | 350 | 84 | 96 | - | 8 | 4 | 10 | 3 | - | 3 | - | 3 | 13 | 40 | 10 |
| CENTRAL DISTRICTS - - - | 233,635 | 147 | 97 | 25 | 17 | - | 2 | - | 2 | 2 | - | 3 | - | 1 | 7 | 14 | 3 |
| EAST DISTRICTS - - - | 716,334 | 502 | 302 | 72 | 80 | - | 13 | - | 6 | 2 | - | 3 | - | 4 | 21 | 50 | 9 |
| SOUTH DISTRICTS - - - | 1,642,796 | 947 | 548 | 127 | 160 | - | 2 | 3 | 23 | 18 | - | 8 | - | 4 | 24 | 47 | 10 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | — | - | 24 | - | 12 | - | - | - | - | - | - | - | - | - | - | - | 2 |
| **WEST DISTRICTS.** | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 47 | 35 | 13 | 12 | - | - | - | 2 | 1 | - | - | - | 2 | - | 4 | |
| St. John Paddington *H* - - G. | 33,510 | 15 | 12 | - | 3 | - | - | - | - | - | - | - | - | - | 1 | 2 | |
| Kensington Town *Ww* - - W. | 122,164 | 56 | 39 | 5 | 18 | - | - | - | - | - | - | - | - | 1 | 3 | 3 | 1 |
| Brompton *HH* - - - W & C. | 48,301 | 12 | 8 | - | 2 | - | - | - | - | - | - | - | - | - | - | 2 | |
| St. Peter Hammersmith - - W. | 9,097 | 9 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| St. Paul Hammersmith *HH* W. & G. | 35,102 | 47 | 24 | 9 | 8 | - | - | - | - | 1 | - | - | - | 1 | 1 | 3 | |
| Fulham *Ww* - - - W. & C. | 113,781 | 86 | 46 | 16 | 5 | - | - | 2 | - | 1 | - | 1 | - | 1 | 3 | 6 | 1 |
| Chelsea Kensal Town - C. | 21,450 | 12 | 5 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | |
| Chelsea North *WHHHHH* - C. | 42,057 | 22 | 14 | - | 5 | - | - | - | - | - | - | - | - | - | 1 | 1 | 1 |
| Chelsea South *HH* - - C. | 33,139 | 13 | 11 | - | 5 | - | - | - | - | - | - | - | - | - | - | 3 | |
| May Fair *W* - - - - G. | 23,827 | 6 | 10 | - | 5 | - | - | - | - | - | - | - | - | - | - | - | |
| Belgrave *WHHH* - - - C. | 56,140 | 21 | 22 | 2 | 5 | - | - | - | - | - | - | 2 | - | - | - | - | 1 |
| St. John Westminster *HH* - C. | 31,492 | 17 | 2 | - | - | - | - | - | - | - | - | 1 | - | - | - | - | |
| St. Margaret Westminster *H* - C. | 22,097 | 8 | 9 | 1 | 2 | - | - | - | - | - | - | - | - | - | 1 | 2 | |
| St. James Westminster *WHH* N. & G. | 23,050 | 11 | 8 | 4 | 2 | - | - | - | - | - | - | - | - | - | - | - | |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 8 | 3 | 1 | 1 | - | - | - | - | - | - | - | - | - | 1 | 1 | |
| **NORTH DISTRICTS.** | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHH* - - W. | 36,595 | 10 | 14 | 4 | 1 | - | - | - | - | - | - | - | - | - | - | - | |
| Rectory Marylebone *W* G. & W. | 19,798 | 4 | 3 | - | 3 | - | - | - | - | - | - | - | - | - | - | 1 | |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 36 | 7 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | |
| Christchurch Marylebone *H* - W | 32,547 | 15 | 8 | 2 | 4 | - | - | - | - | - | - | - | - | 1 | - | - | |
| St. John Marylebone *HHH* W. | 32,611 | 14 | 12 | 6 | 4 | - | - | - | - | - | - | - | - | - | - | 1 | |
| Hampstead *WwHHHH* - N. & W. | 75,449 | 31 | 21 | 6 | 1 | - | - | 2 | 6 | - | - | - | - | - | - | - | |
| Regent's Park Pancras *HH* - W. | 37,341 | 19 | 6 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | |
| Tottenham-court *wHHHH* - N. & W. | 26,757 | 12 | 11 | 1 | 3 | - | - | - | - | - | - | - | - | - | 1 | 2 | |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 14 | 12 | 1 | 2 | - | 3 | - | 1 | - | - | 1 | - | - | - | - | |
| Somers Town *HH* - - - N. | 32,161 | 15 | 12 | 4 | - | - | - | - | 2 | - | - | - | - | - | 1 | 2 | |
| Camden Town *WH* - - N. | 16,669 | 10 | 13 | 1 | 8 | - | 2 | - | - | - | - | - | - | - | 2 | 3 | |
| Kentish Town *WW* - - N. | 98,410 | 64 | 33 | 9 | 9 | - | - | - | - | - | - | - | - | - | - | 2 | |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 59 | 55 | 10 | 20 | - | - | - | - | - | - | - | - | 1 | 5 | 11 | |
| Islington South-west H - N. | 107,365 | 64 | 28 | 7 | 7 | - | 3 | - | - | 2 | - | - | - | - | - | 4 | |
| Islington South-east - - N. | 66,549 | 40 | 17 | 5 | 6 | - | - | 1 | - | - | - | - | - | - | - | 2 | |
| Highbury *HH* - - - N. | 64,577 | 36 | 15 | 4 | 5 | - | - | - | - | 1 | - | - | - | - | 1 | 1 | |
| Stoke Newington *H* - - N. | 33,485 | 13 | 8 | 3 | 3 | - | - | - | - | - | - | - | - | 1 | - | - | |
| North Hackney - - E. & N. | 213,044 | 28 | 15 | 5 | 1 | - | - | - | - | - | - | - | - | - | - | 2 | |
| Central Hackney *ww* - E. & N. | | 36 | 14 | 3 | 3 | - | - | 1 | 1 | - | - | 2 | - | - | 1 | 3 | |
| South-west Hackney *HHH* E. & N. | | 39 | 13 | 4 | 4 | - | - | - | - | - | - | - | - | - | 1 | 2 | |
| South-east Hackney *WwH* E. & N. | | 30 | 33 | 6 | 9 | - | - | - | - | - | - | - | - | - | 1 | 4 | |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated th namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which pauper received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Ju Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River London; and K. the Kent Company.

See note † on first page of this Return.

BLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday, 3rd December, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population. 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CENTRAL DISTRICTS. | | | | | | | | | | | | | | | | | | |
| George Bloomsbury - - N. | 16,110 | 7 | 4 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Giles South *WH* - - N. | 12,976 | 10 | 5 | 2 | 3 | – | – | – | – | – | – | – | – | – | – | – | 2 | – |
| Giles North *H* - - - N. | 9,151 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | 1 | 1 | – |
| Martin-in-the-Fields *HH* N. & C. | 13,077 | 6 | 7 | 1 | – | – | – | – | – | – | – | 2 | – | – | – | 1 | 5 | – |
| rand *WHH* - - - - N. | 11,839 | 7 | 10 | 3 | 2 | – | – | – | – | – | – | – | – | – | 1 | 1 | 5 | – |
| *rand Union Workhouse, Edmonton* | †*1,037* | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| lborn *wHHHHHH* - N. | 31,042 | 17 | 15 | 5 | – | – | – | – | – | 2 | – | – | – | 1 | 1 | 1 | 4 | – |
| James Clerkenwell - - N. | 15,777 | 12 | 7 | 5 | – | – | 1 | – | – | – | – | – | – | – | 2 | 3 | – | – |
| well Clerkenwell - - N. | 34,356 | 25 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| swell-street - - - - N. | 16,069 | 14 | 4 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| y-road *HHHL* - - - N. | 29,897 | 23 | 8 | 2 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | 2 | – |
| nitecross-street - - - N. | 7,595 | 5 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| nsbury - - - - - - N. | 4,035 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| *lborn Union Workhouse, Mitcham* - - - - | †*892* | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Botolph *H* - - N. & E. | 6,870 | 4 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| ipplegate - - - - N. | 3,299 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Sepulchre *WH* - - - N. | 9,591 | 6 | 17 | 3 | 2 | – | – | – | 2 | – | – | – | – | – | 2 | 3 | 12 | – |
| hallows Barking - - - N. | 9,059 | 4 | 10 | 2 | 5 | – | – | – | – | – | – | 1 | – | – | 1 | 3 | – | – |
| oad Street *H* - - - N. | 2,892 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| *y of London Asylum, Stone* - - | †*388* | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| EAST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| oreditch South *Hl* - E. & N. | 17,975 | 16 | 7 | 1 | 3 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| xton New Town *w* - - N. | 29,575 | 17 | 4 | – | 3 | – | – | – | – | – | – | 1 | – | – | 1 | 1 | 2 | – |
| xton Old Town - - - N. | 27,645 | 29 | 11 | 7 | 1 | – | 1 | – | 1 | – | – | – | – | – | – | 2 | – | – |
| ggerston *WH* - - N. & E. | 47,163 | 23 | 24 | 8 | 9 | – | 1 | – | – | – | – | – | – | 1 | 2 | 5 | 9 | – |
| thnal Green North *H* - E. | 49,301 | 41 | 15 | 5 | 4 | – | 2 | – | – | – | – | – | – | – | 1 | 4 | – | – |
| thnal Green South - - E. | 34,194 | 16 | 9 | 4 | 2 | – | 2 | – | – | – | – | – | – | – | 2 | 2 | – | – |
| thnal Green East *WHl* - E. | 45,667 | 27 | 38 | 5 | 9 | – | 1 | – | 2 | – | – | – | – | – | 1 | 2 | 20 | – |
| italfields - - - E. & N. | 26,681 | 21 | 6 | 2 | – | – | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| le End New Town *W* - E. | 12,816 | 18 | 12 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | 1 | 7 | – |
| hitechapel Church *H* - E. & N. | 25,561 | 16 | 29 | 4 | 3 | – | – | – | – | – | – | 1 | – | – | 4 | 7 | 20 | – |
| odman's Fields - - - E. | 13,618 | 7 | 4 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| George's North - - - E. | 39,576 | 20 | 13 | 3 | 3 | – | – | – | – | 1 | – | – | – | – | – | 1 | – | – |
| John, St. George East *W* E. | 7,930 | 3 | 5 | – | 2 | – | – | – | – | – | – | – | – | – | – | 1 | 4 | – |
| adwell *H* - - - E. & N. | 10,434 | 4 | 8 | 3 | – | – | – | – | – | 1 | – | 1 | – | – | 1 | 1 | 3 | – |
| tcliff *W* - - - - E. | 14,954 | 7 | 3 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| mehouse - - - - - E. | 32,917 | 21 | 9 | 4 | 3 | – | 2 | – | – | – | – | – | – | 1 | 1 | 2 | – | – |
| le End Old Town West *H* E. | 111,060 | 49 | 16 | 4 | 6 | – | 1 | – | – | – | – | – | – | – | 1 | 3 | 1 | – |
| le End Old Town East *WWww* - E. | | 38 | 20 | 2 | 8 | – | 1 | – | 1 | – | – | – | – | 2 | – | – | 8 | – |
| w *l* - - - - E. | 41,687 | 32 | 12 | 2 | 3 | – | – | – | – | – | – | – | – | – | – | 2 | 2 | – |
| omley *wwwH* - - - E. | 69,821 | 63 | 38 | 8 | 14 | – | 1 | – | – | – | – | – | – | – | 3 | 8 | 17 | – |
| plar *WW* - - - - E. | 57,759 | 34 | 19 | 4 | 4 | – | 1 | – | 2 | – | – | – | – | – | 3 | 6 | – | – |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX MEASL SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in ea SUB-DISTRICT during the Week ending Saturday, 3rd December, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WHL*.&S. | 13,064 | 3 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| St. Saviour Southwark - - S. | 12,301 | 4 | 2 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| Kent-road - - - - S. & L. | 22,879 | 9 | 9 | 2 | 2 | – | – | – | – | – | – | – | – | – | 1 | 1 | – |
| Borough-road *WH* - S. & L. | 16,083 | 9 | 14 | 3 | 1 | – | – | – | – | 3 | – | – | – | 1 | – | 1 | 6 |
| London-road *HL* - - L. & S. | 21,316 | 12 | 6 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Trinity Newington - - S. & L. | 28,723 | 15 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | 1 | 1 | – |
| St. Peter Walworth *W* - S. & L. | 62,045 | 42 | 24 | 7 | 6 | – | 1 | – | – | 2 | – | – | – | 1 | 1 | 4 | 2 |
| St. Mary Newington- - L. & S. | 30,171 | 18 | 5 | 2 | 1 | – | – | – | – | 1 | – | – | – | – | – | – | – |
| St. Olave *WH* - - - - S. | 11,731 | 11 | 8 | – | 2 | – | – | – | – | – | – | – | – | – | 1 | 1 | 5 |
| Bermondsey* *W* - - - S. | 85,475 | 63 | 25 | 11 | 7 | – | – | – | – | – | – | 1 | – | – | 1 | 2 | – |
| Rotherhithe *WwH* - S. & K. | 40,379 | 29 | 18 | 4 | 3 | – | – | – | – | – | – | 1 | – | – | 3 | 3 | 2 |
| Waterloo-road *HH* - L. & S. | 28,396 | 25 | 13 | 2 | 6 | – | – | – | – | – | – | – | – | – | 2 | 2 | – |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 10 | 14 | 1 | 4 | – | – | – | – | – | – | – | – | – | 2 | 3 | 9 |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 15 | 16 | – | 4 | – | – | – | 2 | – | – | – | – | – | – | 1 | 8 |
| Kennington 1st *H* - - S. & L. | 52,486 | 37 | 9 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Kennington 2nd - - S. & L. | 43,244 | 15 | 7 | 2 | 3 | – | – | – | – | – | – | – | – | – | 1 | 1 | – |
| Brixton *w* - - - L. & S. | 81,825 | 37 | 23 | 3 | 10 | – | – | 1 | 3 | – | – | – | – | – | – | 2 | 4 |
| Norwood *WH* - - - - L. | 29,318 | 18 | 10 | 3 | 4 | – | – | – | – | 1 | – | – | – | – | 1 | 1 | 1 |
| East Battersea - - - - S. | 71,730 | 54 | 21 | 10 | 2 | – | – | – | – | 1 | – | – | – | – | 1 | 3 | – |
| West Battersea *WwH* - - S. | 93,385 | 44 | 30 | 4 | 9 | – | – | – | 1 | – | – | – | – | – | 1 | 2 | 11 |
| Clapham *H* - - - - S. | 46,953 | 26 | 11 | 3 | 1 | – | – | – | 1 | 1 | – | – | – | – | – | – | – |
| Wandsworth *WHHL* - - S. | 58,101 | 29 | 18 | 2 | 3 | – | – | – | 1 | 1 | – | 1 | – | – | – | 1 | – |
| Putney - - - - - S. | 20,566 | 12 | 9 | 3 | 2 | – | – | – | – | 1 | – | – | – | – | – | 1 | – |
| Streatham *WwwwL* - - L. | 61,644 | 39 | 18 | 7 | 5 | – | – | – | 1 | 3 | – | – | – | – | – | 1 | 1 |
| Dulwich - - - - L. & S. | 7,519 | 1 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| Camberwell *Wwll* - S. & L. | 90,286 | 52 | 39 | 4 | 16 | – | – | – | 1 | – | – | – | – | – | 2 | 2 | 18 |
| Peckham *WW* - S., L., & K | 88,242 | 55 | 25 | 8 | 9 | – | – | – | – | – | – | – | – | 1 | – | 2 | – |
| St. George Camberwell - L. & S. | 67,029 | 39 | 17 | 7 | 2 | – | – | – | 1 | – | – | 1 | – | – | 2 | 3 | – |
| Deptford North - - - K. | 36,152 | 25 | 10 | 5 | 2 | – | 1 | – | – | – | – | – | – | – | 1 | 1 | – |
| Deptford Central *w* - - K. | 45,441 | 38 | 18 | 3 | 4 | – | – | 2 | 3 | – | – | 1 | – | 1 | – | 2 | 5 |
| Deptford South - - - K. | 33,402 | 12 | 9 | 2 | 4 | – | – | – | – | 1 | – | – | – | – | – | – | – |
| Greenwich West *H* - - K. | 23,012 | 7 | 13 | – | 6 | – | – | – | – | – | – | 1 | – | – | – | – | – |
| Greenwich East *WH* - - K. | 37,767 | 20 | 29 | 5 | 9 | – | – | – | 1 | – | – | – | – | – | 1 | 1 | 19 |
| Eltham *wH* - - - - K. | 5,911 | 3 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| Lee *H* - - - - - K. | 24,222 | 11 | 4 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – | – |
| Lewisham *WwH* - - - K. | 38,139 | 20 | 23 | 4 | 8 | – | – | – | 3 | – | – | – | – | – | – | – | 7 |
| Sydenham *H* - - - - L. | 37,601 | 27 | 9 | 3 | 4 | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Charlton *wHH* - - K. | 15,928 | 11 | 9 | 1 | 3 | – | – | – | 4 | – | – | 1 | – | – | – | – | 6 |
| Woolwich Dockyard - - K. | 19,355 | 9 | 3 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 9 | 9 | 2 | 3 | – | – | – | 1 | 2 | – | 1 | – | – | 1 | 1 | 1 |
| Plumstead West *H* - - K. | 16,714 | 6 | 4 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Plumstead East *WH* - - K. | 42,538 | 26 | 10 | 4 | 5 | – | – | – | – | 1 | – | – | – | – | 1 | 1 | 2 |
| Banstead Asylum - - - - | — | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 |
| Caterham Asylum - - - - | — | – | 3 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 3 |
| Cane Hill Asylum - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Hospital Ships and Camp, Dartford | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Darenth Asylum - - - - | — | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | 2 |
| London County Asylum, Dartford Heath - - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Hanwell Asylum - - - - | — | – | 6 | – | 3 | – | – | – | – | – | – | – | – | – | – | – | 6 |
| Colney Hatch Asylum - - - | — | – | 4 | – | 3 | – | – | – | – | – | – | – | – | – | – | – | 4 |
| N.E. Hospital - - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Winchmore Hill Hospital - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Leavesden Asylum - - - - | — | – | 6 | – | 3 | – | – | – | – | – | – | – | – | – | – | – | 6 |
| Claybury Asylum - - - - | — | – | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 2 |

* The two Sub-Districts of Leather Market and St. James Bermondsey were united on 1st September, and called Bermondsey.

6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, OSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week nding Saturday, 3rd December, 1898.

| REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years & upwds. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NDON—OUTER RING | 368,749 | 1,422,063 | 1013 | 510 | 124 | 151 | – | 11 | 3 | 17 | 6 | 12 | 2 | 11 | 36 | 63 | 7 |
| Carshalton *wHH* | 12,228 | 26,108 | 13 | 9 | 2 | 3 | – | 1 | – | – | – | – | – | – | – | – | – |
| Epsom, *part of** *WwHH* | 10,423 | 12,508 | 4 | 7 | – | 5 | – | – | – | – | – | – | – | – | 1 | 2 | – |
| Godstone, *part of** *W* | 2,754 | 1,598 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Croydon *WwHHH* | 20,851 | 128,699 | 71 | 48 | 5 | 20 | – | – | – | – | 2 | 2 | – | 2 | 3 | 8 | – |
| Mitcham *w* | 11,697 | 23,072 | 7 | 7 | 1 | 1 | – | – | – | – | – | 1 | – | – | 2 | – | – |
| Wimbledon *HHH* | 3,220 | 25,777 | 16 | 7 | – | 1 | – | – | 1 | – | – | – | – | – | 1 | 2 | – |
| Kingston *W* | 14,672 | 33,566 | 29 | 19 | 6 | 5 | – | – | – | 2 | – | – | – | 1 | 2 | 3 | – |
| Surbiton *H* | | 12,178 | 4 | 3 | – | 1 | – | – | – | – | – | – | – | – | 1 | – | – |
| Esher, *part of** *HH* | | 11,080 | 6 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Hampton *HL* | 4,565 | 18,252 | 9 | 3 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Richmond *WH* | 2,160 | 25,389 | 6 | 11 | 2 | 4 | – | – | – | – | – | – | – | – | – | 4 | – |
| Mortlake *H* | 2,823 | 16,159 | 9 | 4 | – | 2 | – | – | – | – | – | – | – | – | – | – | – |
| Bromley *HHH* | 9,127 | 23,815 | 13 | 9 | 1 | 1 | – | – | – | 1 | – | – | – | – | – | 2 | – |
| Beckenham *H* | 6,542 | 21,969 | 12 | 3 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – |
| Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 12 | 3 | 1 | – | – | – | – | – | – | 1 | – | – | – | – | – |
| Bexley *HHH* | 12,540 | 30,590 | 24 | 12 | 2 | 8 | – | – | – | – | – | – | – | – | – | – | 2 |
| Dartford *WH*, *part of** | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Sunbury *w* | 11,054 | 13,671 | 11 | 5 | 1 | 3 | – | – | – | – | – | – | – | 1 | 1 | – | – |
| Staines *WH* | 13,277 | 13,221 | 6 | 5 | – | 2 | – | – | – | 2 | – | – | – | – | 1 | – | – |
| Hillingdon *WHH* | 6,035 | 12,237 | 5 | 4 | – | 2 | – | – | – | 1 | – | – | – | – | – | 3 | – |
| Uxbridge | 12,757 | 7,253 | 3 | 3 | 1 | – | – | – | – | 1 | – | – | – | – | – | – | – |
| Hayes *wH* | 7,952 | 11,051 | 6 | 3 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Isleworth *WHH* | 6,967 | 26,004 | 16 | 9 | – | 5 | – | – | – | – | 1 | – | – | – | 2 | 3 | – |
| Twickenham *HH* | 2,415 | 16,027 | 9 | 5 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Brentford *HHHH* | 4,318 | 37,777 | 19 | 8 | 1 | 2 | – | – | – | – | – | 1 | – | – | – | – | – |
| Chiswick | 1,245 | 21,963 | 20 | 5 | – | 4 | – | – | – | – | – | – | – | – | 1 | – | – |
| Acton *wHH* | 6,132 | 30,945 | 18 | 8 | 4 | 4 | – | – | – | – | – | – | – | – | – | – | 1 |
| Harrow *HHH* | 13,809 | 15,715 | 16 | 5 | 1 | 1 | – | 2 | – | – | – | – | – | – | – | – | – |
| Edgware *HH* | 6,994 | 3,844 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Willesden *HHH* | 4,383 | 61,265 | 69 | 13 | 6 | 1 | – | – | – | – | – | 1 | 1 | – | – | – | – |
| Hendon *WH* | 8,382 | 15,843 | 12 | 5 | 3 | – | – | – | – | – | 1 | – | – | – | – | – | – |
| South Mimms *HH* | 21,077 | 6,367 | 4 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Barnet *WHH* | | 14,152 | 12 | 5 | 1 | 1 | – | – | – | – | – | – | – | – | 1 | 2 | – |
| Finchley *HHH* | 4,688 | 25,820 | 16 | 4 | 2 | 3 | – | – | – | – | – | – | – | 1 | 1 | – | – |
| Hornsey *HH* | 3,039 | 61,097 | 32 | 11 | 4 | 1 | – | – | – | – | – | 1 | – | – | – | – | – |
| Tottenham *HH* | 4,642 | 97,174 | 66 | 28 | 7 | 7 | – | – | – | 1 | – | 1 | – | 1 | 3 | – | 1 |
| Edmonton *Www* | 7,489 | 36,351 | 22 | 15 | 5 | 5 | – | – | – | – | – | – | 1 | – | – | 3 | – |
| Enfield *WWHH* | 12,602 | 31,536 | 27 | 6 | 1 | 3 | – | – | – | – | – | – | – | – | 2 | – | – |
| Waltham Abbey | 11,017 | 6,066 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Cheshunt *H* | 8,480 | 9,620 | 6 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Hatfield, *part of** *W* | 3,306 | 582 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Bushey *H* | 9,331 | 7,737 | 8 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Watford *WH*, *part of** | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Stratford *H* | 4,706 | 38,612 | 27 | 15 | 7 | 2 | – | – | – | – | 1 | – | – | 1 | 2 | – | – |
| Plaistow *WHHH* | | 58,030 | 53 | 32 | 12 | 7 | – | 3 | – | 3 | – | – | – | – | – | 6 | 1 |
| Canning Town *H* | | 54,750 | 53 | 27 | 9 | 5 | – | 2 | – | 1 | – | – | – | 3 | 4 | – | 1 |
| Forest Gate *w* | | 53,511 | 20 | 29 | 7 | 7 | – | 1 | 1 | 3 | – | – | – | – | 1 | – | 1 |
| East Ham *wH* | 3,266 | 32,713 | 58 | 18 | 8 | – | – | – | – | 1 | – | 2 | – | – | 1 | – | – |
| Leyton *WWWwH* | 4,334 | 70,188 | 55 | 50 | 8 | 17 | – | 2 | – | 1 | – | – | – | 1 | 4 | 21 | – |
| Walthamstow *HHL* | 6,501 | 57,330 | 55 | 20 | 6 | 4 | – | – | – | – | – | 1 | – | – | 2 | – | – |
| Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 8 | 7 | 3 | 2 | – | – | 1 | – | – | – | – | – | – | 2 | – |
| Epping *WH*, *part of** | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Romford, *part of** *WH* | 6,556 | 4,324 | 3 | 1 | – | – | – | – | – | – | – | 1 | – | – | – | – | – |
| Ilford | 8,493 | 10,913 | 11 | 6 | 2 | 2 | – | – | – | – | 1 | – | – | – | – | – | – |
| Barking Town, *H* | 3,814 | 14,301 | 26 | 5 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – |
| Middlesex Co. Lunatic Asy., Wandsworth. | — | — | – | 2 | – | 1 | – | – | – | – | – | – | – | – | – | 2 | – |

e parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring follows:—30: 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37: 1, the parishes of Warlingham arley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst strict, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in ld sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping .079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for ous Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford; and 187: 2, Epping sub-districts

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 3rd December, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | ANNUAL RATE of MORTALITY per 1000 living. From All Causes. | From Diseases in Cols. 8-14. | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. |
| GREATER LONDON | **443,421** | **6,408,321** | **16·9** | **1·6** | **2079** | **486** | **590** | – | **36** | **12** | **60** | **34** | **33** | **19** | **87** |
| INNER LONDON - | 74,672 | 4,504,766 | 18·2 | 1·7 | 1569 | 362 | 439 | – | 25 | 9 | 43 | 28 | 21 | 17 | 76 |
| OUTER RING - | 368,749 | 1,903,555 | 14·0 | 1·4 | 510 | 124 | 151 | – | 11 | 3 | 17 | 6 | 12 | 2 | 11 |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalen the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

| CITIES. | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of Stillborn | DEATHS. Exclusive of Stillborn | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM PRINCIPAL ZYMO DISEASES. Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 295,628 | December 3 | 130 | 122 | 21·5 | – | 9 | – | – | 2 | 2 |
| GLASGOW - - | 724,349 | " 3 | 450 | 306 | 22·0 | – | 6 | 2 | 7 | 15 | 6 |
| DUBLIN - - | 349,594 | " 3 | 194 | 212 | 31·6 | – | 1 | 4 | 1 | 3 | 2 |
| CALCUTTA - - | 466,460 | October 15 | – | – | – | – | – | – | – | – | – |
| BOMBAY - - | 821,764 | November 15 | 190 | 565 | 35·8 | – | 2 | ? | ? | ? | 131† |
| MADRAS - - | 452,518 | October 28 | – | – | – | – | – | – | – | – | – |
| PARIS - - - | 2,511,629 | November 26 | 1057 | 850 | 17·5 | 1 | – | 4 | 6* | 7 | 8 |
| BRUSSELS - - | 551,011 | " 26 | 294 | 192 | 18·1 | – | 3 | 1 | 3* | 2 | 2 |
| AMSTERDAM - | 508,266 | " 19 | 281 | 172 | 17·6 | – | 10 | – | 2 | 3 | 1 |
| ROTTERDAM - | 303,878 | " 19 | 186 | 96 | 16·2 | – | 1 | – | 1 | 2 | 3 |
| THE HAGUE - | 196,325 | " 19 | 107 | 63 | 16·7 | – | 2 | – | – | 2 | – |
| COPENHAGEN - | 345,000 | " 26 | 293 | 112 | 16·9 | – | 5 | 2 | – | 1 | 2 |
| STOCKHOLM - | 283,550 | " 19 | 144 | 93 | 17·0 | – | 3 | 1 | 7* | 2 | – |
| CHRISTIANIA - | 203,337 | " 26 | 117 | 76 | 19·4 | – | 3 | – | 2 | 3 | – |
| ST. PETERSBURG | 1,132,677 | " 19 | 612 | 413 | 19·0 | 2 | 3 | 11 | 16 | 9 | 15 |
| MOSCOW - - | 988,610 | " 19 | – | 458 | 24·2 | 9 | 7 | 7 | 19 | 4 | 4 |
| BERLIN - - | 1,773,003 | " 12 | 854 | 522 | 15·2 | – | 1 | 8 | 16 | 9 | 2 |
| HAMBURG - - | 661,015 | " 26 | – | 201 | 15·8 | – | – | – | 2* | 10 | – |
| DRESDEN - - | 385,300 | " 5 | – | – | – | – | – | – | – | – | – |
| BRESLAU - - | 392,795 | " 26 | – | 156 | 20·7 | – | 1 | 1 | 2 | 2 | – |
| MUNICH - - | 430,000 | " 26 | – | 178 | 21·5 | – | – | – | 4* | 3 | – |
| VIENNA - - | 1,590,295 | " 26 | 961 | 510 | 16·5 | – | 2 | 4 | 9* | – | 3 |
| PRAGUE - - | 382,029 | " 19 | 210 | 166 | 22·7 | – | 5 | 2 | 9 | – | – |
| BUDA-PESTH - | 648,104 | " 19 | 496 | 277 | 22·2 | – | 25 | 5 | 2 | – | 5 |
| TRIESTE - - | 165,177 | " 19 | 62 | 66 | 21·0 | – | – | 3 | – | – | – |
| ROME - - - | 499,861 | " 5 | 207 | 167 | 17·4 | – | – | – | 1 | – | 9§ |
| TURIN (10 days) | 344,203 | " 20 | – | – | – | – | – | – | – | – | – |
| VENICE - - | 169,545 | " 12 | 70 | 57 | 17·5 | – | – | – | – | – | 1 |
| CAIRO - - | 570,062 | August 12 | – | – | – | – | – | – | – | – | – |
| ALEXANDRIA - | 319,766 | " 12 | – | – | – | – | – | – | – | – | – |
| NEW YORK (including BROOKLYN) | 3,438,899 | November 12 | 1490 | 1088 | 16·5 | – | 4 | 5 | 22 | 6 | 21 |
| PHILADELPHIA - | 1,240,266 | " 19 | – | – | – | – | – | – | – | – | – |

* Including deaths from croup.
† Including 59 deaths from "plague."
‡ Including 2 deaths from cholera.
§ Including 5 deaths from malarial fever.

| 1898. Month and Day | | Phases of the Moon. | Barometer. Mean daily reading (corrected and reduced to 32° Fahrenheit). | Temperature. Of the Air. High-est. | Low-est | Daily Range. | Mean daily value. | Departure from Average of 50 years. | Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Great-est. | Least. | Degree of Humidity (Saturation equals 100). | Temperature. Of Radiation. Highest in Sun's Rays. | Lowest on the Grass. | Of the Earth 3 feet below the Surface. | Wind as deduced from Anemometers. Osler's. General Direction. A.M. | P.M. | Pressure on the Square Foot. Great-est. | Least. | Mean of 24 hourly obs. | Robinson's. Horizontal Movement of the Air on each Day. | Departure from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| November | | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| Sunday - | 27 | .. | 29·030 | 44·9 | 37·0 | 7·9 | 41·5 | − 0·1 | 38·6 | 2·9 | 4·6 | 0·7 | 89 | 52·9 | 26·9 | 48·71 | WNW, NW. & W. | WSW., NNW. & NE | 0·9 | 0·0 | 0·0 | 167 | −129 | 0·00 | 0·0 |
| Monday - | 28 | Full | 29·187 | 41·0 | 33·6 | 7·4 | 36·7 | − 4·6 | 34·5 | 2·2 | 4·3 | 1·4 | 91 | 42·8 | 24·3 | 48·80 | NE. & NNE. | NNE., N., & NNW. | 6·4 | 0·0 | 0·7 | 377 | + 80 | 0·12 | 0·0 |
| Tuesday - | 29 | Greatest Dec. N. | 29·449 | 40·1 | 31·5 | 8·6 | 36·1 | − 4·9 | 32·9 | 3·2 | 5·3 | 2·4 | 88 | 51·9 | 24·4 | 48·40 | NNW. & N. | NNW. & SW. | 3·5 | 0·0 | 0·3 | 270 | − 28 | 0·03 | 0·0 |
| Wednesday | 30 | .. | 29·677 | 46·4 | 30·0 | 16·4 | 39·8 | − 0·9 | 35·9 | 3·9 | 6·8 | 1·5 | 86 | 69·0 | 23·7 | 48·00 | SW., SSW. & WSW. | WSW. & SW. | 2·2 | 0·0 | 0·1 | 280 | − 19 | 0·06 | 0·0 |
| December. Thursday - | 1 | .. | 29·764 | 52·0 | 46·4 | 5·6 | 49·9 | + 9·3 | 44·1 | 5·8 | 7·8 | 1·5 | 80 | 71·0 | 41·0 | 47·56 | SW. & WSW. | WSW. & SW. | 6·4 | 0·0 | 0·5 | 420 | +120 | 0·00 | 4·0 |
| Friday - | 2 | Apogee | 29·524 | 54·5 | 50·1 | 4·4 | 53·0 | +12·4 | 46·4 | 6·6 | 8·2 | 4·6 | 78 | 60·5 | 44·7 | 47·58 | WSW. & SW. | SW., WSW. & W. | 14·8 | 0·0 | 2·2 | 765 | +464 | 0·00 | 3·0 |
| Saturday - | 3 | .. | 29·744 | 54·1 | 47·8 | 6·3 | 51·7 | +10·9 | 47·0 | 4·7 | 10·0 | 1·0 | 84 | 68·0 | 44·0 | 48·00 | WSW. | WSW. & SW. | 5·5 | 0·0 | 0·5 | 377 | + 75 | 0·05 | 1·5 |
| Means - | | | 29·482 | 47·6 | 39·5 | 8·1 | 44·1 | + 3·2 | 39·9 | 4·2 | 6·7 | 1·9 | 85 | 59·4 | 32·7 | 48·15 | N. & SW. | | .. | .. | .. | Sum 2656 | Sum +563 | Sum 0·26 | 1·2 |
| No. of Column - | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| Date. November | | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | General Remarks. |
|---|---|---|---|---|---|
| Sunday - | 27 | w. P. till 10h. A.M.; m. P. afterwards. | 0·0 | 8·3 | Cloudy with occasional light showers in early morning; dense fog between 7h. and 9h. A.M.; fine afterwards with hoar frost and slight fog at night. Dense yellow gloom prevalent in forenoon. |
| Monday - | 28 | w. P. till 4h. P.M.; v. N. and w. P. afterwards. | 0·0 | 8·2 | Fine with hoar frost in morning; overcast with occasional showers afterwards. A little snow and sleet at night. |
| Tuesday - | 29 | w. P. and w. N. till noon; m. P. afterwards. | 0·0 | 8·2 | Overcast till noon with occasional rain and sleet in early morning; fine and partially cloudy afterwards. Hoar frost and slight fog at night. |
| Wednesday | 30 | m. P. generally till 7h. P.M.; w. P. afterwards. | 5·3 | 8·1 | Very fine till evening; overcast with occasional slight rain afterwards. Hoar frost in morning. |
| December. Thursday - | 1 | w. P. throughout - | 0·2 | 8·1 | Cloudy. Lunar halo at night. Mild. |
| Friday - | 2 | w. P. throughout - | 0·0 | 8·1 | Overcast with frequent light showers and strong gusty wind. A very mild day. |
| Saturday - | 3 | w. P. throughout - | 0·1 | 8·1 | Generally overcast; occasional thin rain. Mild. |
| | | | Sum 5·6 | Sum 57·1 | |
| No. of Col. - | - | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer increased from 28·89 in. at the beginning of the week to 29·80 in. by 10h. A.M. on December 1st; decreased to 29·44 in. by 4h. P.M. on December 2nd; increased to 29·76 in. by 7h. P.M. on December 3rd; and decreased to 29·73 in. by the end of the week.

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1898.

OFFICIAL COPY.

# WEEKLY RETURN

OF

# BIRTHS AND DEATHS IN LONDON

AND IN

# THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

*Printed under the Superintendence of Her Majesty's Stationery Office,*

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No. 49. 1898. VOL. LIX.] WEEK ENDING SATURDAY, DEC. 10. [Price 1½*d.*

*General Register Office, Somerset House,*
*December 12th*, 1898.

## THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 17·8 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000 :—

| TOWNS. | Weeks ending | | | | TOWNS. | Weeks ending | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Nov. 19. | Nov. 26. | Dec. 3. | Dec. 10. | | Nov. 19. | Nov. 26. | Dec. 3. | Dec. 10. |
| 33 Great Towns | 17·0 | 17·4 | 19·1 | 17·8 | Leicester - - | 16·0 | 17·5 | 21·5 | 15·7 |
| Birkenhead - | 18·0 | 13·4 | 18·9 | 20·3 | Liverpool - - | 22·6 | 22·3 | 21·3 | 22·0 |
| Birmingham - | 15·9 | 18·5 | 21·3 | 18·9 | London - - - | 16·6 | 16·7 | 18·2 | 16·7 |
| Blackburn - | 20·4 | 18·4 | 22·3 | 20·4 | Manchester - - | 19·4 | 19·9 | 21·7 | 20·1 |
| Bolton - - | 15·8 | 19·2 | 21·7 | 27·2 | Newcastle-on-Tyne | 22·4 | 18·0 | 24·8 | 18·7 |
| Bradford - | 20·3 | 14·3 | 18·7 | 16·1 | Norwich - - | 18·2 | 19·1 | 16·3 | 14·9 |
| Brighton - | 14·5 | 21·3 | 20·5 | 20·0 | Nottingham - - | 16·1 | 18·3 | 18·1 | 19·2 |
| Bristol - | 16·0 | 16·9 | 18·1 | 20·1 | Oldham - - | 11·6 | 20·0 | 17·2 | 15·8 |
| Burnley - | 16·2 | 13·8 | 12·4 | 20·9 | Plymouth - - | 15·8 | 12·6 | 18·4 | 17·9 |
| Cardiff - - | 12·0 | 12·3 | 15·3 | 16·4 | Portsmouth - - | 16·2 | 17·3 | 19·3 | 20·7 |
| Croydon - | 8·8 | 11·3 | 17·2 | 12·6 | Preston - - | 24·2 | 21·5 | 20·6 | 21·1 |
| Derby - - | 10·9 | 24·9 | 23·4 | 12·4 | Salford - - - | 20·5 | 19·6 | 24·2 | 18·4 |
| Gateshead - | 15·6 | 21·6 | 17·1 | 15·6 | Sheffield - - | 17·8 | 16·5 | 18·1 | 16·8 |
| Halifax - | 18·3 | 13·5 | 13·5 | 17·8 | Sunderland - - | 17·0 | 20·3 | 15·9 | 23·2 |
| Huddersfield- | 15·8 | 12·2 | 21·9 | 13·2 | Swansea - - | 17·4 | 14·3 | 20·4 | 23·0 |
| Hull - - | 12·0 | 14·3 | 16·1 | 15·4 | West Ham - - | 13·8 | 14·7 | 21·1 | 13·6 |
| Leeds - - | 16·5 | 18·1 | 17·4 | 18·8 | Wolverhampton - | 23·1 | 26·1 | 27·8 | 16·0 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were :—from *measles*, 1·0 in Swansea, in Salford, and in Huddersfield, 1·1 in West Ham, 1·3 in Manchester, 1·7 in Bolton, and 2·0 in Nottingham ; from *whooping-cough*, 1·0 in Bristol, 1·5 in Swansea, and 2·2 in Preston ; from "*fever*," 1·2 in Sheffield, and 1·3 in Bolton ; and from *diarrhœa*, 1·0 in Burnley. In none of the thirty-three towns did the death-rate from *scarlet fever* reach 1·0 per 1000. The 92 deaths from *diphtheria* included 43 in London, 9 in Leeds, 7 in West Ham, 5 in Swansea, 5 in Sheffield, 4 in Portsmouth, and 4 in Liverpool. One death from *small-pox* was registered in Liverpool, but not one in any other of the thirty-three towns.

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

1221—660—12/98 Wt 91 D & S 3

## London.

In London* 2577 births and 1447 deaths were registered. Allowing for increase of population, the births were 21 above, and the deaths 330 below, the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 16·6, 16·7, and 18·2 in the preceding three weeks, fell again last week to 16·7. During the four weeks ending on Saturday last the death-rate averaged 17·1 per 1000, being 2·6 per 1000 below the mean rate in the corresponding periods of the ten years 1888–97.

The 1447 deaths included 22 from measles, 11 from scarlet fever, 43 from diphtheria, 22 from whooping-cough, 1 from typhus, 26 from enteric fever, 19 from diarrhœa and dysentery, and not one death from small-pox, from any ill-defined form of continued fever, or from cholera; thus, 144 deaths were referred to these diseases, being 73 below the corrected average weekly number.

The deaths from *measles*, which had been 19, 24, and 25 in the preceding three weeks, fell again last week to 22, and were 48 below the corrected average. The deaths from *scarlet fever*, which had been 12, 7, and 9 in the preceding three weeks, further rose last week to 11, but were 13 below the corrected average; 3 cases belonged to St. Pancras sanitary area. The deaths from *diphtheria*, which had been 44, 38, and 43 in the preceding three weeks, were again 43 last week, the corrected average being 58; 6 cases belonged to St. Pancras, 3 to Lambeth, 3 to Battersea, 3 to Wandsworth, and 3 to Camberwell sanitary areas. The deaths from *whooping-cough*, which had been 14, 16, and 28 in the preceding three weeks, fell again last week to 22, and were 14 below the corrected average. The fatal cases of *enteric fever*, which had been 28, 33, and 21 in the preceding three weeks, rose again last week to 26, and were 10 above the corrected average; 3 cases belonged to St. Pancras, 3 to Shoreditch, 2 to Islington, 2 to Hackney, 2 to Mile End Old Town, 2 to Poplar, and 2 to Greenwich sanitary areas. The death from *typhus* was that of a man aged 24 years, at Norfolk Road, Islington. The deaths from *diarrhœa*, which had been 16, 6, and 17 in the preceding three weeks, further rose last week to 19, and were 6 above the corrected average The deaths referred to diseases of the respiratory organs, which had been 285, 280, and 340 in the preceding three weeks, fell again last week to 295, and were 139 below the corrected average. The deaths attributed directly to *influenza* numbered 12, having been 10, 11, and 14 in the preceding three weeks.

Different forms of violence caused 53 deaths, concerning all but 3 of which inquests were held. Of these 53 deaths, 2 were cases of suicide, while the remaining 51 were attributed to accident or negligence. One of of these was referred to a vehicle in the street, 10 were referred to burns and scalds, 2 to the effects of anæsthetics administered for surgical purposes, and 15 (of infants under one year of age), to suffocation in bed.

### Cases of Infectious Sickness in Hospitals†.

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 3090 cases of scarlet fever, 1314 of diphtheria, and 286 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 276 cases, against 319, 234, and 264; of diphtheria, 206 cases, against 187, 157, and 168; and of enteric fever, 29 cases, against 45, 53, and 47.

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* Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong

† The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.

## Greater London.

In Greater London 3560 births and 1924 deaths were registered, corresponding to annual rates of 29·0 and 15·7 per 1000 of the estimated population. In the Outer Ring 10 deaths from measles, 5 from scarlet fever, 16 from diphtheria, 5 from whooping-cough, 4 from "fever," and 4 from diarrhœa were registered. Six deaths from measles, 8 from diphtheria, and 3 from "fever" occurred in West Ham district.

## Meteorology.

The mean reading of the Barometer last week at Greenwich was 29·82 inches, and that of the Thermometer 49°·4; the latter being 8°·6 above the week's average in the 50 years 1841–90. The direction of the wind was south-westerly, the horizontal movement of the air being 46 per cent. above the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 6·7 hours; the measured rainfall amounted to 1·34 of an inch.

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## Returns of London Water Companies.

The London Water Companies have been good enough to furnish the following account of the number of services and the average daily amount of water supplied during the month of November 1898. The supply was in the ratio of 223 gallons to one service.

| Companies. | Number of Services. | | Daily Supply of Water in Gallons. | |
|---|---|---|---|---|
| | November, 1897. | November, 1898. | November, 1897. | November, 1898. |
| Total Supply | 851,911 | 870,631 | 200,425,310 | 194,206,759 |
| From Thames | 410,358 | 418,189 | 106,467,548 | 105,435,428 |
| From Lea and from other Sources | 441,553 | 452,442 | 93,957,762 | 88,771,331 |
| Thames. | | | | |
| Chelsea | 37,774 | 38,026 | 11,929,195 | 12,026,870 |
| West Middlesex | 81,705 | 83,245 | 20,106,769 | 20,606,673 |
| Southwark and Vauxhall | 121,098 | 122,140 | 32,315,018 | 30,061,358 |
| Grand Junction | 61,810 | 63,411 | 18,674,933 | 17,987,157 |
| Lambeth | 107,971 | 111,367 | 23,441,633 | 24,753,370 |
| Lea and other Sources. | | | | |
| New River | 163,061 | 165,426 | 35,092,500 | 37,074,932 |
| East London | 192,264 | 197,652 | 43,904,214 | 35,905,000 |
| Kent | 86,228 | 89,364 | 14,961,048 | 15,791,399 |

*Note.*—The Return for November 1898, as compared with that for the corresponding month of 1897, shows an increase of 18,720 services and a decrease of 6,218,551 gallons of water supplied daily.

## Analysis of Metropolitan Water Supply during November, 1898.

*Water-analysis Laboratory, The Yews, Reigate,*
*6th December*, 1898.

Sir,

I have to report to you the results of the chemical analysis, and of the physical and bacterioscopic examination of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of November.

These examinations include (*a*) the bacterioscopic and chemical condition of the raw river waters at the intakes of the various Companies, and (*b*) the bacteriology of the water as it issues from the filter beds of each Company, and before it is pumped into the distributing mains.

I append, also, the results obtained in the analysis of the water supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill, of Birmingham, and Dr. Mills, of Glasgow.

## *Analysis of Metropolitan Waters.*

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

| | Companies or Local Authorities. | Date and Place of Collection. | Temperature in Centigrade degrees. | Total Solid Matter. | Organic Carbon. | Organic Nitrogen. | Ammonia. | Nitrogen as Nitrates and Nitrites. | Total Combined Nitrogen. | Chlorine. | Total Hardness. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Inner Circle. | THAMES. (Unfiltered water) - | November 18th, Grand Junction Co.'s intake at Hampton. | 9·7° | 32·08 | ·198 | ·038 | ·009 | ·248 | ·293 | 1·9 | 21·5 |
| Inner Circle. | Chelsea - - - | November 22nd, Cab Rank, Victoria-street. | 9·9 | 30·20 | ·125 | ·021 | 0 | ·224 | ·245 | 1·9 | 20·6 |
| Inner Circle. | West Middlesex - | November 22nd, Cab Rank, Riding House-street. | 10·9 | 28·76 | ·131 | ·020 | 0 | ·195 | ·215 | 1·8 | 19·4 |
| Inner Circle. | Southwark - - | November 22nd, Cab Rank, St. George's Church, Borough. | 10·1 | 32·22 | ·141 | ·017 | 0 | ·229 | ·246 | 1·8 | 21·5 |
| Inner Circle. | Grand Junction - | November 22nd, Cab Rank, Portman-street, Oxford-street. | 10·2 | 31·66 | ·179 | ·019 | 0 | ·248 | ·267 | 1·9 | 21·2 |
| Inner Circle. | Lambeth - - - | November 22nd, Cab Rank, St. George's-road, Southwark. | 10·0 | 32·26 | ·128 | ·028 | 0 | ·263 | ·291 | 1·9 | 21·8 |
| Inner Circle. | LEA. (Unfiltered water) - | November 21st, New River Cut at Green Lanes. | 9·5 | 36·28 | ·074 | ·013 | ·009 | ·260 | ·280 | 1·6 | 22·7 |
| Inner Circle. | New River - - | November 22nd, Cab Rank, Tottenham Court-road. | 9·8 | 34·74 | ·047 | ·014 | 0 | ·230 | ·244 | 1·6 | 22·4 |
| Inner Circle. | (Unfiltered water) - | November 21st, River near E. London Co.'s intake at Angel-rd. | 8·5 | 39·12 | ·184 | ·034 | ·008 | ·353 | ·394 | 2·0 | 25·4 |
| Inner Circle. | East London - - | November 22nd, Cab Rank, Sidney-street, E. | 10·5 | 36·00 | ·098 | ·015 | 0 | ·207 | ·222 | 2·1 | 20·3 |
| Inner Circle. | DEEP WELLS. Kent - - - - | November 22nd, Police Station, Blackheath-road. | 13·0 | 39·84 | ·041 | ·005 | 0 | ·410 | ·415 | 2·1 | 24·8 |
| Outer Circle. | East London - - | November 23rd, East Ham Well. | — | 41·60 | ·056 | ·016 | ·048 | ·016 | ·072 | 4·7 | 13·2 |
| | Corporation of Birmingham* - - - - | November 14th, 6, Court, Fisher-street. | 10·0 | 34·8 | ·190 | ·030 | ·003 | ·400 | ·433 | 2·8 | 19·5 |
| | Corporation of Glasgow† | November 15th, Loch Katrine water. | 8·7 | 2·92 | ·222 | ·016 | 0 | ·006 | ·022 | ·6 | 1·3 |
| | Column 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. |

* Analysed by Dr. Alfred Hill, F.I.C., Medical Officer of Health and Analyst to the City.

† Analysed by Dr. E. J. Mills, F.R.S., of the Glasgow and West of Scotland Technical College.

All the numbers contained in columns 4, 5, 6, 7, 8, 9, 10, and 11, relate to 100,000 parts of the waters. The Table is to be read thus :—The Thames water collected on the 18th November at the Grand Junction Company's intake at Hampton had a temperature of 9·7° C.; 100,000 lbs. of it contained 32·08 lbs. of solid matter in solution; the organic substances, constituting a portion of this matter, contained ·198 lb. of carbon and ·038 lb. of nitrogen. The above quantity of water also contained ·009 lb. of ammonia and ·248 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was ·293 lb. The above weight of water also contained 1·9 lb. of chlorine, and 21·5 lbs. of carbonate of lime, or an equivalent amount of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

Taking the average amount of organic impurity in a given volume of the Kent Company's water during the nine years ending December 1876, as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies, was:—Kent 0·8, New River 1·0, East London (deep well) 1·2, East London (river supply) 1·9, Chelsea 2·5, West Middlesex, 2·6, Southwark and Lambeth 2·7, and Grand Junction 3·4. The unfiltered waters contained the following proportions:—Thames at Hampton 4·0, New River Cut 1·5, and Lea at Angel Road 3·7.

The Thames at Hampton was, on November 18th, turbid and yellow in colour; it was, for the season of the year, of fairly good chemical and bacterial quality. The water supplied by the five Companies drawing from this river was, in every case, efficiently filtered before delivery, and of excellent quality for dietetic and all domestic purposes. The Southwark Company's No. 4 filter was, on the 18th of November, delivering water containing an excess of microbes over 100 per cubic centimetre, but all the other Thames-derived waters were of excellent bacterial quality. The bacterial improvement effected by these Companies is expressed by the following percentage numbers:—Chelsea 99·95, West Middlesex 99·85, Southwark (No. 4 filter) 91·64, (No. 8 filter) 99·90, (general supply from Hampton) 98·16, Grand Junction (general well at Hampton) 99·55, (general well at Kew) 99·55, (south well at Kew) 99·70, (general supply from Kew) 99·75, and Lambeth 99·75.

The New River Cut, before entering the storage and subsidence reservoirs of the New River Company, was, on November 21st, turbid and very pale yellow in colour. It was, for raw water, of excellent chemical and fairly good bacterial quality. After efficient filtration, it was delivered in most excellent chemical and bacterial condition, equalling the best of the deep well waters. The bacterial improvement is expressed by the following percentage numbers:—No. 2 filter well 99·66, and general filter well 99·47.

The water drawn from the Lea at Angel-road by the East London Company was, on November 21st, turbid and yellow in colour. It was of fairly good chemical but bad bacterial quality; after efficient filtration, it was delivered in excellent chemical condition, but one out of the three filters examined was passing water containing a great excess of microbes over the accepted standard. The bacterial improvement is expressed by the following percentage numbers:—No. 1 Essex well 99·33, No. 2 Essex well 98·95, and Middlesex well 93·88.

The deep well water of the Kent Company was clear and bright without filtration, but that of the East London Company was very slightly turbid. Both waters possessed a high degree of organic purity.

Seen through a stratum two feet deep, the Kent Company's water was clear and colourless, the East London (deep well) very slightly turbid and colourless, the New River clear and nearly colourless, and the remaining waters clear and very pale yellow.

The bacterioscopic examination of the river waters, before and after storage, and of the filtered supplies delivered by the various Companies, collected on the 16th, 18th, 19th, 21st, and 22nd of November, yielded, after prolonged incubation, the results contained in the following Table:—

| Description. | Microbes per c.c. | Temp. C. |
|---|---|---|
| **Raw and Stored River Waters.** | | ° |
| River Thames at Hampton, November 18th, 1898 | 4,020 | 9·7 |
| " " after storage (Chelsea Company), November 18th | 2,400 | 10·3 |
| West Middlesex Company's water, from mixed storage, November 19th | 420 | 9·5 |
| Grand Junction Company's water at Kew Bridge, passing to filters, Nov. 19th | 1,460 | 10·1 |
| New River Cut before passing through reservoirs, November 21st | 2,060 | 9·5 |
| " " " after " " " " | 940 | 9·4 |
| " " " " " " November 16th | 560 | 9·7 |
| River Lea at Angel-road, November 21st | 11,300 | 8·5 |
| " " after storage (East London Company), November 21st | 2,120 | 9·3 |
| **Filtered River Waters as Supplied.** | | |
| **Thames.** | | |
| Chelsea Company's general well, November 18th | 2 | 10·1 |
| West Middlesex Company's general filter well, November 19th | 6 | 9·4 |
| Southwark Company's No. 4 filter well, November 18th | 336 | 9·8 |
| " " No. 8 " " " " | 4 | 9·6 |
| " " tap on filtered water main at Hampton works, November 18th | 74 | 10·0 |
| Grand Junction Company's general filter well at Hampton, November 18th | 18 | 9·7 |
| " " " " " " Kew Bridge, November 19th | 18 | 9·7 |
| " " " South " " " " | 12 | 9·9 |
| " " " tap on filtered water main at Kew Bridge works, November 19th | 10 | 10·0 |
| Lambeth Company's general filter well, November 18th | 10 | 10·3 |
| **Lea** | | |
| New River Company's general filter well, November 16th | 11 | 9·5 |
| " " " " " " 21st | 12 | 9·4 |
| " " " No. 2 " " " " | 8 | 9·0 |
| East London Company's No. 1 Essex filters, November 21st | 76 | 9·5 |
| " " " No. 2 " " " " | 118 | 9·9 |
| " " " Middlesex " " " | 692 | 14·8 |
| **Deep-well.** | | |
| Kent Company's "New Well" at Deptford, November 22nd | 17 | 11·3 |

Dr. Hill, F.I.C., Medical Officer of Health for Birmingham, reports that the water supplied to that City was "very slightly turbid and pale green in a two-foot tube."

Dr. Mills, F.R.S., of the Glasgow and West of Scotland Technical College, reports that the water supplied to that City from Loch Katrine was, on the 15th of November, "light brown in colour, and contained a little suspended matter."

I am, &c.,

E. FRANKLAND.

The Registrar-General, &c., &c.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Registered during the Week ending 10th December 1898. Births. | Deaths. | Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | per 1000, corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6–12. | Mean Temperature of the Air. Highest. | Lowest. | Mean. Fahrenheit. | Centigrade. | Rainfall. In Inches. | In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| 33 Towns - | **11,218,378** | **6691** | **3835** | **867** | **1004** | **1** | **84** | **32** | **92** | **59** | **75** | **56** | **155** | **303** | **872** | **33** | **17·8** | **1·9** | **59·2** | **31·0** | **48·7** | **9·28** | **0·91** | **2·31** | 33 Towns. |
| London - - | 4,504,766 | 2577 | 1447 | 289 | 399 | - | 22 | 11 | 43 | 22 | 27 | 19 | 53 | 131 | 475 | 5 | 16·7 | 1·7 | 57·8 | 38·0 | 49·4 | 9·67 | 1·34 | 3·40 | London. |
| West Ham - - | 286,654 | 154 | 75 | 24 | 13 | - | 6 | - | 7 | - | 3 | 1 | 1 | 4 | 10 | 1 | 13·6 | 3·1 | - | - | - | - | - | - | West Ham. |
| Croydon - - | 124,421 | 68 | 30 | 4 | 11 | - | - | 1 | - | - | - | - | 1 | 2 | 6 | - | 12·6 | 0·4 | 57·0 | 35·0 | 48·0 | 8·89 | 1·67 | 4·24 | Croydon. |
| Brighton - - | 122,310 | 52 | 47 | 13 | 18 | - | 2 | - | 1 | 1 | 1 | - | 1 | 3 | 5 | - | 20·0 | 2·1 | 56·6 | 40·2 | 50·6 | 10·33 | 0·68 | 1·73 | Brighton. |
| Portsmouth - | 186,618 | 84 | 74 | 9 | 20 | - | 3 | 1 | 4 | - | 2 | 2 | 5 | 6 | 16 | - | 20·7 | 3·4 | - | - | - | - | - | - | Portsmouth. |
| Plymouth - - | 99,136 | 59 | 34 | 4 | 14 | - | - | - | - | - | - | - | 1 | 1 | 2 | - | 17·9 | - | - | - | - | - | - | - | Plymouth. |
| Bristol - - | 316,900 | 199 | 122 | 33 | 33 | - | - | - | 1 | 6 | 1 | 1 | 3 | 10 | 18 | 2 | 20·1 | 1·5 | 57·0 | 39·5 | 49·2 | 9·56 | 1·70 | 4·32 | Bristol. |
| Cardiff - - | 177,770 | 102 | 56 | 20 | 8 | - | 1 | - | - | 1 | - | 2 | 2 | 4 | 7 | - | 16·4 | 1·2 | - | - | - | - | - | - | Cardiff. |
| Swansea - - | 102,001 | 67 | 45 | 16 | 7 | - | 2 | - | 5 | 3 | - | - | - | 1 | 2 | 1 | 23·0 | 5·1 | - | - | - | - | - | - | Swansea. |
| Wolverhampton | 88,051 | 57 | 27 | 9 | 5 | - | - | - | - | - | - | - | 2 | 2 | 5 | - | 16·0 | - | 57·0 | 35·6 | 48·0 | 8·89 | 0·53 | 1·35 | Wolverhampton |
| Birmingham - | 510,343 | 303 | 185 | 54 | 46 | - | - | 1 | 3 | 2 | 4 | 4 | 10 | 13 | 48 | 4 | 18·9 | 1·4 | - | - | - | - | - | - | Birmingham. |
| Norwich - - | 111,699 | 92 | 32 | 9 | 14 | - | 2 | - | 1 | - | - | 1 | - | 3 | 6 | - | 14·9 | 1·9 | 56·0 | 33·6 | 48·2 | 9·00 | 0·91 | 2·31 | Norwich. |
| Leicester - - | 208,662 | 118 | 63 | 13 | 18 | - | - | - | 1 | 2 | - | 2 | 2 | 3 | 7 | 1 | 15·7 | 1·2 | - | - | - | - | - | - | Leicester. |
| Nottingham - | 236,137 | 124 | 87 | 23 | 19 | - | 9 | 2 | 1 | 2 | - | 3 | 3 | 5 | 12 | 1 | 19·2 | 3·8 | 57·8 | 38·2 | 48·4 | 9·11 | 0·59 | 1·50 | Nottingham. |
| Derby - - - | 104,834 | 63 | 25 | 7 | 5 | - | - | - | - | - | 1 | - | 1 | 4 | 5 | - | 12·4 | 0·5 | - | - | - | - | - | - | Derby. |
| Birkenhead - | 113,189 | 78 | 44 | 10 | 14 | - | - | 1 | 1 | 1 | 1 | - | - | - | 5 | - | 20·3 | 1·8 | - | - | - | - | - | - | Birkenhead. |
| Liverpool - - | 633,645 | 419 | 267 | 62 | 56 | 1 | 2 | 3 | 4 | 5 | 5 | 6 | 11 | 16 | 67 | 6 | 22·0 | 2·1 | 58·9 | 40·6 | 50·3 | 10·17 | 0·36 | 0·91 | Liverpool. |
| Bolton† - - | 122,495 | 76 | 64 | 15 | 14 | - | 4 | 1 | - | - | 3 | - | 3 | 11 | 10 | - | 27·2 | 3·4 | - | - | - | - | - | - | Bolton.† |
| Manchester - | 539,079 | 334 | 208 | 43 | 52 | - | 13 | 1 | 2 | - | 1 | 4 | 14 | 21 | 36 | 2 | 20·1 | 2·0 | - | - | - | - | - | - | Manchester. |
| Salford - - | 215,702 | 150 | 76 | 13 | 13 | - | 4 | 2 | 1 | - | 3 | 1 | 3 | 8 | 16 | - | 18·4 | 2·7 | - | - | - | - | - | - | Salford. |
| Oldham - - | 148,288 | 126 | 45 | 12 | 12 | - | - | - | 1 | - | 2 | - | 2 | 2 | 6 | - | 15·8 | 1·1 | - | - | - | - | - | - | Oldham. |
| Burnley - - | 109,546 | 75 | 44 | 12 | 16 | - | - | 1 | - | - | - | 2 | 1 | 1 | 6 | 1 | 20·9 | 1·4 | - | - | - | - | - | - | Burnley. |
| Blackburn - - | 133,228 | 62 | 52 | 5 | 12 | - | - | 2 | 1 | - | - | 1 | 1 | 2 | 5 | - | 20·4 | 1·6 | - | - | - | - | - | - | Blackburn. |
| Preston - - | 116,356 | 60 | 47 | 13 | 14 | - | - | 1 | 1 | 5 | 1 | 1 | 2 | 3 | 6 | 1 | 21·1 | 4·0 | - | - | - | - | - | - | Preston. |
| Huddersfield - | 102,454 | 38 | 26 | 4 | 7 | - | 2 | - | - | - | - | - | - | 1 | 3 | - | 13·2 | 1·0 | 59·0 | 35·2 | 47·1 | 8·39 | 1·24 | 3·15 | Huddersfield. |
| Halifax - - | 96,729 | 49 | 33 | 5 | 15 | - | 1 | - | - | 1 | - | - | 2 | 4 | 6 | - | 17·8 | 1·1 | - | - | - | - | - | - | Halifax. |
| Bradford - - | 233,737 | 119 | 72 | 18 | 17 | - | - | - | - | 1 | 1 | - | 5 | 6 | 8 | - | 16·1 | 0·4 | 59·2 | 37·8 | 49·0 | 9·44 | 0·48 | 1·22 | Bradford. |
| Leeds - - - | 416,618 | 252 | 150 | 32 | 40 | - | 5 | 2 | 9 | 1 | 3 | 1 | 8 | 13 | 18 | - | 18·8 | 2·6 | - | - | - | - | - | - | Leeds. |
| Sheffield - - | 356,478 | 262 | 115 | 29 | 28 | - | - | 1 | 5 | 4 | 8 | 1 | 4 | 4 | 20 | 4 | 16·8 | 2·8 | - | - | - | - | - | - | Sheffield. |
| Hull - - - | 229,887 | 179 | 68 | 19 | 16 | - | - | - | - | - | 3 | - | 6 | 6 | 12 | 2 | 15·4 | 0·7 | 58·0 | 31·0 | 47·2 | 8·44 | 0·53 | 1·35 | Hull. |
| Sunderland - | 143,849 | 109 | 64 | 13 | 22 | - | 2 | 1 | - | 1 | 2 | 1 | 3 | 7 | 13 | - | 23·2 | 2·5 | - | - | - | - | - | - | Sunderland. |
| Gateshead - - | 103,775 | 74 | 31 | 8 | 10 | - | 1 | - | - | - | - | 1 | 1 | 2 | 1 | - | 15·6 | 1·0 | - | - | - | - | - | - | Gateshead. |
| Newcastle - - | 223,021 | 110 | 80 | 27 | 16 | - | 3 | - | - | 1 | 3 | 2 | 4 | 4 | 10 | 2 | 18·7 | 2·1 | - | - | - | - | - | - | Newcastle. |

* See note * on first page of this return.

† The recent extension of the Borough of Bolton will not be taken into account in the Weekly Returns until 1899.

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the FORTY-NINTH Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2644 | 2270 | 2240 | 2393 | 2397 | 2466 | 2599 | 2373 | 2419 | 2489 | 2556·0 | 2577 |
| Males - - | 1367 | 1139 | 1144 | 1244 | 1244 | 1246 | 1315 | 1228 | 1268 | 1244 | 1308·9 | 1306 |
| Females - | 1277 | 1131 | 1096 | 1149 | 1153 | 1220 | 1284 | 1145 | 1151 | 1245 | 1247·1 | 1271 |
| TOTAL **Deaths** - | 1461 | 1683 | 1733 | 1462 | 1452 | 2556 | 1614 | 1459 | 1604 | 1866 | 1777·3 | 1447 |
| Males - - | 792 | 820 | 901 | 716 | 735 | 1263 | 808 | 738 | 833 | 950 | 900·3 | 755 |
| Females - - | 669 | 863 | 832 | 746 | 717 | 1293 | 806 | 721 | 771 | 916 | 877·0 | 692 |

*The numbers in this column are the average weekly numbers in the forty-ninth week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | Sept. 17. | Sept. 24. | Oct. 1. | Oct. 8. | Oct. 15. | Oct. 22. | Oct. 29. | Nov. 5. | Nov. 12. | Nov. 19. | Nov. 26. | Dec. 3. | Dec. 10. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** - - | 2499 | 2574 | 2614 | 2554 | 2454 | 2468 | 2652 | 2530 | 2696 | 2585 | 2155 | 2575 | 2577 |
| TOTAL **Deaths** - - - | 1832 | 1863 | 1700 | 1620 | 1600 | 1497 | 1411 | 1394 | 1405 | 1436 | 1439 | 1569 | 1447 |
| Ages at Death: Under 1 year - - | 786 | 764 | 619 | 498 | 415 | 351 | 349 | 357 | 328 | 310 | 320 | 362 | 289 |
| 1—5 years - - | 211 | 202 | 195 | 182 | 180 | 167 | 169 | 155 | 158 | 175 | 157 | 203 | 166 |
| 5—20 " - - | 64 | 86 | 76 | 76 | 95 | 93 | 82 | 73 | 76 | 103 | 95 | 78 | 77 |
| 20—40 " - - | 178 | 204 | 185 | 180 | 204 | 199 | 178 | 198 | 191 | 194 | 198 | 190 | 196 |
| 40—60 " - - | 270 | 269 | 293 | 314 | 324 | 320 | 282 | 276 | 293 | 299 | 287 | 297 | 320 |
| 60—80 " - - | 269 | 266 | 283 | 291 | 307 | 290 | 287 | 258 | 299 | 286 | 302 | 349 | 331 |
| 80 years and upwards | 54 | 72 | 44 | 79 | 75 | 77 | 64 | 77 | 60 | 69 | 80 | 90 | 68 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox - - - - - | - | - | - | - | 1 | - | - | - | - | - | - | - | - |
| Measles - - - - - | 8 | 12 | 10 | 7 | 9 | 12 | 19 | 23 | 19 | 19 | 24 | 25 | 22 |
| Scarlet Fever - - - | 3 | 9 | 10 | 7 | 7 | 14 | 10 | 13 | 17 | 12 | 7 | 9 | 11 |
| Diphtheria - - - - | 29 | 29 | 33 | 34 | 41 | 30 | 46 | 28 | 31 | 44 | 38 | 43 | 43 |
| Whooping-cough - - - | 25 | 31 | 29 | 18 | 17 | 10 | 13 | 10 | 13 | 14 | 16 | 28 | 22 |
| Typhus - - - - - | - | - | - | - | - | - | - | 1 | - | - | - | - | 1 |
| Enteric Fever - - - | 7 | 9 | 9 | 6 | 18 | 28 | 20 | 29 | 27 | 28 | 33 | 21 | 26 |
| Simple Continued Fever - | - | - | - | - | - | - | 2 | - | - | - | - | - | - |
| Diarrhœa and Dysentery .. | 397 | 347 | 247 | 138 | 99 | 48 | 33 | 34 | 17 | 16 | 6 | 17 | 19 |
| Cholera - - - - - - | 14 | 7 | 10 | 1 | 1 | - | 1 | - | - | - | 1 | - | - |
| All the above Diseases - | 483 | 444 | 348 | 211 | 193 | 142 | 144 | 138 | 124 | 133 | 125 | 143 | 144 |
| Dis. of Respiratory System - | 135 | 157 | 200 | 226 | 263 | 263 | 262 | 237 | 248 | 285 | 280 | 340 | 295 |
| Phthisis - - - - - | 133 | 127 | 147 | 148 | 173 | 169 | 140 | 135 | 155 | 184 | 148 | 161 | 153 |
| Dis. of Circulatory System - | 123 | 121 | 136 | 140 | 143 | 137 | 125 | 130 | 133 | 125 | 145 | 145 | 140 |
| Violence - - - - | 96 | 58 | 66 | 76 | 56 | 52 | 63 | 50 | 71 | 67 | 66 | 76 | 53 |
| Inquest Cases - - - - | 166 | 133 | 147 | 147 | 145 | 121 | 135 | 114 | 143 | 137 | 139 | 179 | 131 |
| Deaths in Public Institutions - | 469 | 494 | 445 | 483 | 489 | 459 | 459 | 433 | 451 | 468 | 473 | 446 | 475 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean - - - - - - | 66°·4 | 57°·2 | 52°·9 | 56°·1 | 49°·5 | 55°·3 | 55°·5 | 49°·8 | 49°·6 | 48°·0 | 41°·7 | 44°·1 | 49°·4 |
| Mean of Highest readings - | 79·5 | 68·7 | 63·8 | 62·4 | 55·1 | 60·0 | 61·0 | 56·5 | 56·0 | 52·5 | 45·2 | 47·6 | 52·7 |
| Mean of Lowest readings - | 55·1 | 47·1 | 42·5 | 50·1 | 44·5 | 50·8 | 50·6 | 43·0 | 44·0 | 43·1 | 37·3 | 39·5 | 45·1 |
| Humidity of the Air - - | 64 | 75 | 72 | 82 | 86 | 87 | 82 | 79 | 93 | 89 | 90 | 85 | 83 |
| Rain-fall (in inches) - - | 0·02 | 0·12 | 0·16 | 0·02 | 0·42 | 1·42 | 1·03 | 0·52 | 0·02 | 0·02 | 1·88 | 0·26 | 1·34 |
| Registered Sunshine (in hours) | 56·8 | 33·8 | 42·4 | 18·3 | 12·5 | 10·9 | 22·2 | 28·7 | 27·2 | 10·7 | 7·0 | 5·6 | 6·7 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox - - - - - | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| Scarlet Fever - - - - | 2319 | 2353 | 2459 | 2606 | 2728 | 2915 | 3031 | 3092 | 3188 | 3259 | 3162 | 3142 | 3090 |
| Diphtheria - - - - | 916 | 964 | 1027 | 1052 | 1125 | 1169 | 1187 | 1241 | 1251 | 1251 | 1250 | 1274 | 1314 |
| Enteric Fever - - - - | 127 | 128 | 155 | 176 | 191 | 214 | 223 | 230 | 242 | 252 | 266 | 286 | 286 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton: A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and F. Boobbyer Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S. Preston; A. Johnson, Esq., M.Inst.C.E., Bradford; and Mr. E. Peak, Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-NINTH Week of the Year 1898.

| CAUSES OF DEATH | Corrected Averages for the 49th Week of the 10 years 1888–97*. | In the Week ending Saturday, 10th December 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0–1 | 1–5. | 5–20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| L CAUSES | 1777·3 | 1447 | 289 | 166 | 77 | 196 | 320 | 331 | 68 |
| nall-pox: Vaccinated† | 0·1 | – | – | – | – | – | – | – | – |
| nall-pox: Unvaccinated | 0·4 | – | – | – | – | – | – | – | – |
| nall-pox: No Statement | – | – | – | – | – | – | – | – | – |
| asles | 69·5 | 22 | 3 | 18 | 1 | – | – | – | – |
| arlet Fever | 24·3 | 11 | 1 | 7 | 3 | – | – | – | – |
| phus | 0·2 | 1 | – | – | – | 1 | – | – | – |
| apsing Fever | – | – | – | – | – | – | – | – | – |
| fluenza | 20·5 | 12 | – | – | 1 | 2 | 3 | 4 | 2 |
| ooping-cough | 35·5 | 22 | 10 | 12 | – | – | – | – | – |
| phtheria | 57·6 | 43 | 3 | 28 | 10 | 2 | – | – | – |
| nple Continued and ll-defined Fever | 0·4 | – | – | – | – | – | – | – | – |
| teric Fever | 16·1 | 26 | – | – | 9 | 13 | 4 | – | – |
| olera and Chol. Diarr. | – | – | – | – | – | – | – | – | – |
| arrhœa, Dysentery | 12·5 | 19 | 15 | 1 | – | – | 1 | 2 | – |
| nittent Fever | – | – | – | – | – | – | – | – | – |
| drophobia | 0·1 | – | – | – | – | – | – | – | – |
| nders | 0·1 | – | – | – | – | – | – | – | – |
| wpox and Effects of accination | 0·1 | – | – | – | – | – | – | – | – |
| nerveal Affections | 8·8 | 10 | 3 | 1 | – | 3 | 3 | – | – |
| rsipelas | 6·8 | 3 | 1 | – | – | 1 | – | 1 | – |
| emia and Septicæmia | 2·7 | 2 | 1 | – | – | – | 1 | – | – |
| erperal Fever | 6·1 | 3 | – | – | – | 3 | – | – | – |
| her Zymotic Diseases | 2·3 | 1 | 1 | – | – | – | – | – | – |
| rush | 1·1 | – | – | – | – | – | – | – | – |
| rms and other Parasitical Diseases | 0·4 | 1 | – | – | – | 1 | – | – | – |
| rvation, Want of reast-milk | 1·5 | – | – | – | – | – | – | – | – |
| oholism | 9·3 | 18 | – | – | – | 7 | 8 | 3 | – |
| eumatic Fever, heumatism of Heart | 8·4 | 10 | – | 1 | 4 | 3 | 2 | – | – |
| eumatism | 2·5 | 5 | – | – | – | – | 1 | 3 | 1 |
| nt | 2·9 | 3 | – | – | – | – | 1 | 2 | – |
| kets | 5·3 | 3 | – | 3 | – | – | – | – | – |
| ncer | 72·0 | 76 | – | – | 1 | 4 | 32 | 32 | 7 |
| bes Mesenterica | 19·5 | 11 | 6 | – | 2 | 2 | 1 | – | – |
| bercular Meningitis | 21·9 | 20 | 3 | 10 | 5 | 1 | 1 | – | – |
| thisis | 171·1 | 158 | 2 | 4 | 6 | 62 | 72 | 12 | – |
| ofula, Tuberculosis | 19·0 | 9 | 1 | 1 | 3 | 2 | 2 | – | – |
| her Constitutional iseases | 12·8 | 18 | 1 | – | – | 6 | 4 | 7 | – |
| mature Birth | 52·3 | 43 | 43 | – | – | – | – | – | – |
| lectasis | 4·2 | 5 | 5 | – | – | – | – | – | – |
| ngenital Malformations | 8·2 | 8 | 8 | – | – | – | – | – | – |
| Age | 56·3 | 53 | – | – | – | – | – | 25 | 28 |
| oplexy | 50·9 | 43 | – | – | – | 1 | 13 | 25 | 4 |
| lepsy | 7·5 | 7 | – | – | 2 | 1 | 4 | – | – |
| nvulsions | 40·4 | 23 | 21 | 2 | – | – | – | – | – |
| her Diseases of Brain nd Nervous System | 83·6 | 73 | 10 | 4 | 6 | 6 | 14 | 30 | 3 |
| eases of Organs of pecial Sense | 2·5 | 1 | – | – | 1 | – | – | – | – |

| CAUSES OF DEATH | Corrected Averages for the 49th Week of the 10 years 1888–97*. | In the Week ending Saturday, 10th December 1898. Deaths of Persons of the Ages: ALL AGES. | Under 20. 0–1 | 1–5. | 5–20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System | 149·5 | 140 | 2 | 2 | 6 | 17 | 52 | 52 | 9 |
| Croup | 7·2 | 1 | – | 1 | – | – | – | – | – |
| Bronchitis | 253·4 | 152 | 36 | 16 | 1 | 7 | 19 | 65 | 8 |
| Pneumonia | 136·8 | 111 | 32 | 29 | 4 | 13 | 20 | 13 | – |
| Pleurisy | 5·3 | 7 | – | – | – | 2 | 2 | 3 | – |
| Other Diseases of Respiratory System | 31·5 | 24 | 8 | 4 | 1 | 1 | 4 | 4 | 2 |
| Dentition | 6·9 | 5 | 2 | 3 | – | – | – | – | – |
| Quinsy, Sore Throat | 2·4 | 1 | – | 1 | – | – | – | – | – |
| Enteritis | 11·8 | 18 | 9 | 3 | 1 | 3 | 1 | 1 | – |
| Peritonitis | 6·1 | 6 | 1 | 1 | 1 | 2 | 1 | – | – |
| Diseases of Liver | 26·7 | 25 | 1 | – | – | 2 | 15 | 7 | – |
| Other Diseases of Digestive System | 30·9 | 35 | 5 | – | 2 | 8 | 5 | 12 | 3 |
| Diseases of Lymphatic System & of Ductless Glands | 2·6 | 2 | – | – | 1 | – | – | 1 | – |
| Diseases of Urinary System | 46·4 | 48 | – | 2 | 4 | 8 | 16 | 17 | 1 |
| Diseases of Generative System | 6·0 | 6 | – | – | – | 3 | 3 | – | – |
| Accidents of Childbirth | 5·2 | 2 | – | – | – | 2 | – | – | – |
| Diseases of Locomotive System | 8·3 | 2 | – | – | – | – | 1 | 1 | – |
| Diseases of Integumentary System | 5·8 | 8 | 1 | – | – | – | 3 | 4 | – |
| VIOLENT DEATHS‡ (ACCIDENT.) | | | | | | | | | |
| By Railways | 57·0 | 1 | – | – | – | – | 1 | – | – |
| By Vehicles or Horses | | 1 | – | – | – | – | 1 | – | – |
| In Ships, Boats, Docks, (exclusive of Drowning) | | – | – | – | – | – | – | – | – |
| In Building Operations | | 1 | – | – | – | – | 1 | – | – |
| In Conflagrations | | – | – | – | – | – | – | – | – |
| By Burns, Scalds, Explosions | | 10 | – | 8 | – | 1 | 1 | – | – |
| By Drowning | | 1 | – | – | – | – | 1 | – | – |
| By Suffocation in Bed | | 15 | 15 | – | – | – | – | – | – |
| By Poisons or Poisonous Vapours | | 3 | – | 1 | – | 1 | 1 | – | – |
| Other or not stated causes | | 19 | 4 | 2 | 2 | 5 | 3 | 3 | – |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide | 0·7 | – | – | – | – | – | – | – | – |
| Suicide | 5·9 | 2 | – | – | – | – | 1 | 1 | – |
| Execution | – | – | – | – | – | – | – | – | – |
| OTHER CAUSES | 53·2 | 38 | 35 | 1 | – | – | 1 | 1 | – |

The numbers in this column are the average weekly deaths for the ten years 1888–97, raised by 5·230 per cent. for increase population.

Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered dical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the se of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of ident, murder manslaughter or suicide All such cases are classed under "accident."

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 10th December, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Continued Simple Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2577 | 1447 | 289 | 399 | - | 22 | 11 | 43 | 22 | 1 | 26 | - | 19 | 53 | 131 | 475 |
| WEST DISTRICTS - - - | 778,251 | 406 | 212 | 47 | 56 | - | 1 | 4 | 5 | 3 | - | 3 | - | 5 | 4 | 14 | 79 |
| NORTH DISTRICTS - - - | 1,040,694 | 583 | 310 | 63 | 79 | - | 6 | - | 10 | 5 | 1 | 15 | - | 3 | 9 | 29 | 102 |
| CENTRAL DISTRICTS - - - | 233,635 | 140 | 76 | 15 | 17 | - | 1 | - | - | - | - | - | - | - | 5 | 9 | 31 |
| EAST DISTRICTS - - - | 716,334 | 519 | 290 | 58 | 77 | - | 8 | 1 | 4 | 2 | - | 3 | - | 4 | 12 | 37 | 102 |
| SOUTH DISTRICTS - - - | 1,642,796 | 929 | 532 | 106 | 158 | - | 6 | 4 | 24 | 12 | - | 5 | - | 7 | 23 | 42 | 134 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | — | - | 27 | - | 12 | - | - | 2 | - | - | - | - | - | - | - | - | 27 |
| WEST DISTRICTS. | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 57 | 29 | 7 | 9 | - | - | - | - | 3 | - | - | - | - | - | 4 | 9 |
| St. John Paddington *H* - - G. | 33,510 | 15 | 7 | 2 | - | - | - | - | - | - | - | - | - | - | - | 1 | 4 |
| Kensington Town *Ww* - - W. | 122,164 | 50 | 37 | 7 | 15 | - | - | - | - | - | - | - | - | 1 | 1 | 3 | 15 |
| Brompton *HH* - - - W. & C. | 48,301 | 12 | 9 | 1 | 5 | - | - | - | - | - | - | - | - | - | - | - | 1 |
| St. Peter Hammersmith - - W. | 9,097 | 9 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Paul Hammersmith *HH* W. & G. | 25,102 | 54 | 17 | 6 | 3 | - | - | - | - | - | - | - | - | 2 | 1 | 2 | - |
| Fulham *Ww* - - - W. & C. | 113,781 | 83 | 45 | 12 | 6 | - | 1 | 4 | 4 | - | - | 1 | - | - | 1 | 2 | 20 |
| Chelsea Kensal Town - C. | 21,450 | 9 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Chelsea North *WHHHHH* - C. | 42,057 | 23 | 15 | 1 | 4 | - | - | - | - | - | - | - | - | - | - | 1 | 8 |
| Chelsea South *HH* - - C. | 33,139 | 19 | 10 | 3 | 3 | - | - | - | 1 | - | - | - | - | - | - | - | 2 |
| May Fair *W* - - - - G. | 23,827 | 6 | 10 | 1 | 4 | - | - | - | - | - | - | - | - | - | 1 | 1 | 8 |
| Belgrave *WHHH* - - - C. | 56,140 | 30 | 14 | 2 | 5 | - | - | - | - | - | - | 1 | - | 1 | - | - | 5 |
| St. John Westminster *HH* - C. | 31,492 | 20 | 3 | - | - | - | - | - | - | - | - | 1 | - | - | - | - | 1 |
| St. Margaret Westminster *H* - C. | 22,097 | 4 | 5 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 3 |
| St. James Westminster *WHH* N. & G. | 23,050 | 12 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 2 |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 3 | 5 | 2 | - | - | - | - | - | - | - | - | - | 1 | - | - | 1 |
| NORTH DISTRICTS. | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - - W. | 36,595 | 15 | 20 | 3 | 5 | - | - | - | 1 | - | - | - | - | - | - | 2 | 10 |
| Rectory Marylebone *W* G. & W. | 19,798 | 7 | 5 | - | 4 | - | - | - | - | - | - | - | - | - | - | - | 3 |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 27 | 5 | 2 | 2 | - | - | - | - | - | - | - | - | - | 1 | 2 | 2 |
| Christchurch Marylebone *H* - W | 32,547 | 11 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| St. John Marylebone *HHH* W. | 32,611 | 9 | 4 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| Hampstead *WwHHHH* - N. & W. | 75,449 | 35 | 28 | 3 | 7 | - | - | - | 4 | - | - | 6 | - | - | - | 1 | 13 |
| Regent's Park Pancras *HH* - W. | 37,341 | 20 | 11 | 3 | 3 | - | - | - | - | 1 | - | - | - | - | - | 1 | - |
| Tottenham-court *wHHHH* - N. & W. | 26,757 | 10 | 10 | 1 | 3 | - | - | - | - | - | - | 1 | - | - | - | - | 7 |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 15 | 9 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | 2 | 2 |
| Somers Town *HH* - - - N. | 32,161 | 16 | 9 | 1 | 2 | - | - | - | - | 1 | - | 1 | - | 1 | - | 1 | 1 |
| Camden Town *WH* - - N. | 16,669 | 12 | 12 | 1 | 7 | - | 2 | - | - | 1 | - | - | - | - | 1 | 2 | 9 |
| Kentish Town *WW* - - N. | 98,410 | 58 | 31 | 12 | 6 | - | - | - | - | - | - | 1 | - | - | - | 2 | 4 |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 62 | 50 | 6 | 15 | - | - | - | 1 | - | - | 2 | - | - | 2 | 3 | 31 |
| Islington South-west H - N. | 107,365 | 66 | 26 | 10 | 3 | - | - | - | - | 1 | - | - | - | 2 | 1 | 2 | - |
| Islington South-east - - N. | 66,549 | 31 | 13 | 2 | 2 | - | 1 | - | - | - | 1 | - | - | - | - | 1 | - |
| Highbury *HH* - - - N. | 64,577 | 34 | 8 | 3 | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - |
| Stoke Newington *H* - - N. | 33,485 | 12 | 4 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| North Hackney - - E. & N. | 213,044 | 31 | 4 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| Central Hackney *ww* - E. & N. | | 32 | 20 | 4 | 2 | - | 1 | - | 2 | - | - | 3 | - | - | 1 | 3 | 7 |
| South-west Hackney *HHH* E. & N. | | 34 | 18 | 5 | 1 | - | 2 | - | 2 | - | - | 1 | - | - | 2 | 5 | 5 |
| South-east Hackney *WwH* E. & N. | | 46 | 21 | 2 | 9 | - | - | - | - | - | - | - | - | - | 1 | 2 | 8 |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers are received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. The Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River; E. East London; and K. the Kent Company.

See note * on second page of this Return.

5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES ARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each B-DISTRICT during the Week ending Saturday, 10th December, 1898—*continued.*

| ISTRATION SUB-DISTRICTS | Enumerated Population. 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CENTRAL DISTRICTS. | | | | | | | | | | | | | | | | | | |
| orge Bloomsbury - - N. | 16,110 | 4 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| es South *WH* - - N. | 12,976 | 25 | 3 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | 3 | - |
| es North *H* - - - N. | 9,151 | 8 | 4 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| rtin-in-the-Fields *HH* N. & C. | 13,077 | 3 | 2 | - | 2 | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - |
| *WHH* - - - - N. | 11,839 | 6 | 5 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | 3 | - |
| *Union Workhouse, Edmonton* | †1,037 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| rn *wHHHHHH* - N. | 31,042 | 15 | 11 | 3 | 1 | - | - | - | - | - | - | - | - | - | 1 | 3 | 5 | - |
| nes Clerkenwell - - N. | 15,777 | 4 | 3 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ll Clerkenwell - - N. | 34,356 | 26 | 5 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ll-street - - - - N. | 16,069 | 14 | 6 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| oad *HHHL* - - - N. | 29,897 | 26 | 8 | - | 3 | - | 1 | - | - | - | - | - | - | - | 1 | 1 | - | - |
| cross-street - - - N. | 7,595 | 1 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ry - - - - - N. | 4,035 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| *n Union Workhouse, ham* - - - - | †892 | - | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 2 | - |
| olph *H* - - N. & E. | 6,870 | 1 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| egate - - - - N. | 3,299 | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ulchre *WH* - - - N. | 9,591 | 3 | 14 | 2 | 1 | - | - | - | - | - | - | - | - | - | 1 | 1 | 12 | - |
| lows Barking - - N. | 9,059 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - |
| Street *H* - - - N. | 2,892 | 3 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| *London Asylum, Stone* - - | †388 | - | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 2 | - |
| EAST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| itch South *Hl* - E. & N. | 17,975 | 8 | 4 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| n New Town *w* - - N. | 29,575 | 21 | 19 | 3 | 8 | - | 1 | - | - | - | - | 1 | - | - | - | 3 | 9 | - |
| n Old Town - - - N. | 27,645 | 22 | 7 | 3 | 2 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| rston *WH* - - N. & E. | 47,163 | 46 | 27 | 4 | 5 | - | - | - | - | - | - | - | - | - | 3 | 7 | 13 | - |
| al Green North *H* - E. | 49,301 | 42 | 12 | 6 | 3 | - | 1 | - | 1 | - | - | - | - | - | - | 2 | - | - |
| al Green South - - E. | 34,194 | 28 | 13 | 4 | 2 | - | 2 | - | 1 | - | - | - | - | - | 1 | 1 | - | - |
| al Green East *WHl* - E. | 45,667 | 33 | 26 | 2 | 12 | - | - | - | - | - | - | - | - | 1 | - | 1 | 12 | - |
| fields - - - E. & N. | 26,681 | 23 | 11 | 6 | 1 | - | - | - | - | 2 | - | - | - | - | 1 | 4 | - | - |
| nd New Town *W* - E. | 12,816 | 18 | 9 | - | 3 | - | 1 | - | - | - | - | - | - | - | - | 2 | 8 | - |
| chapel Church *H* - E. & N. | 25,561 | 12 | 29 | 3 | 2 | - | 1 | - | 2 | - | - | - | - | 1 | 4 | 6 | 26 | - |
| nan's Fields - - - E. | 13,618 | 10 | 7 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| orge's North - - - E. | 39,576 | 35 | 10 | 5 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| n, St. George East *W* E. | 7,930 | 4 | 9 | 1 | 3 | - | - | - | - | - | - | - | - | 1 | 1 | 2 | 8 | - |
| ell *H* - - - E. & N. | 10,434 | 5 | 6 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | 3 | 2 | - |
| l *W* - - - - E. | 14,954 | 10 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ouse - - - - E. | 32,917 | 25 | 10 | 5 | 3 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| nd Old Town West *H* E. | 111,060 | 48 | 20 | 6 | 6 | - | 1 | - | - | - | - | - | - | - | 1 | 2 | - | - |
| nd Old Town East *ww* - E. | | 27 | 14 | 1 | 6 | - | 1 | - | - | - | - | - | - | - | - | - | 5 | - |
| *l* - - - - E. | 41,687 | 22 | 7 | 2 | 1 | - | - | - | - | - | - | - | - | 1 | - | - | 2 | - |
| ey *wwwH* - - - E. | 69,821 | 47 | 37 | 5 | 10 | - | - | 1 | - | - | - | 1 | - | - | - | - | 15 | - |
| *WW* - - - - E. | 57,759 | 33 | 11 | 1 | 4 | - | - | - | - | - | - | 1 | - | - | - | 1 | 1 | - |

† Population in 1891, not included in the total population of the Central Districts or of London

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX M SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered SUB-DISTRICT during the Week ending Saturday, 10th December, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WHL*.&S. | 13,064 | 9 | 3 | – | – | – | 1 | – | – | – | – | – | – | – | – | – |
| St. Saviour Southwark - - S. | 12,301 | 8 | 4 | 1 | – | – | 1 | – | – | 1 | – | – | – | – | – | – |
| Kent-road - - - - S. & L. | 22,879 | 13 | 10 | 5 | – | – | 1 | – | 1 | – | – | 1 | – | – | – | 1 |
| Borough-road *WH* - S. & L | 16,083 | 12 | 8 | 2 | 1 | – | – | – | – | 2 | – | – | – | – | 1 | 1 |
| London-road *HL* - - L. & S. | 21,316 | 16 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Trinity Newington - - S. & L. | 28,723 | 16 | 8 | 3 | 3 | – | – | – | 1 | – | – | – | – | – | – | – |
| St. Peter Walworth *W* - S. & L. | 62,045 | 32 | 21 | 8 | 4 | – | 1 | – | – | – | – | – | – | – | 2 | 4 |
| St. Mary Newington- - L. & S. | 30,171 | 20 | 9 | 4 | 1 | – | – | – | – | 1 | – | – | – | – | – | – |
| St. Olave *WH*- - - - S. | 11,731 | 6 | 10 | 2 | 1 | – | – | – | 1 | – | – | – | – | – | 2 | 2 |
| Bermondsey* *W* - - - S. | 85,475 | 62 | 32 | 7 | 10 | – | 1 | – | 1 | – | – | – | – | – | 2 | 3 |
| Rotherhithe *WwH* - S. & K. | 40,379 | 22 | 20 | 2 | 5 | – | – | – | – | – | – | – | – | – | 1 | 2 |
| Waterloo-road *HH* - L. & S. | 28,396 | 30 | 9 | – | 3 | – | – | – | 1 | – | – | – | – | – | 1 | 2 |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 8 | 18 | 4 | – | – | – | – | – | – | – | – | – | 1 | 3 | 3 |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 33 | 27 | 4 | 13 | – | – | – | – | – | – | – | – | – | 2 | 3 |
| Kennington 1st *H* - - S. & L. | 52,486 | 22 | 16 | 2 | 9 | – | – | – | – | – | – | – | – | 1 | 1 | 2 |
| Kennington 2nd - - S. & L. | 43,244 | 16 | 10 | 2 | 3 | – | – | – | 1 | – | – | 1 | – | – | – | – |
| Brixton *w* - - - L. & S. | 81,825 | 43 | 20 | 5 | 10 | – | – | 1 | – | – | – | – | – | – | – | – |
| Norwood *WH*- - - - L. | 29,318 | 13 | 6 | 1 | 3 | – | – | – | – | – | – | – | – | – | – | – |
| East Battersea - - - - S. | 71,730 | 45 | 18 | 4 | 3 | – | – | – | – | 1 | – | – | – | – | 1 | 5 |
| West Battersea *WwH* - - S | 93,385 | 43 | 25 | 4 | 6 | – | 1 | – | – | 2 | – | 1 | – | – | 1 | 2 |
| Clapham *H* - - - - S. | 46,953 | 28 | 12 | 3 | 4 | – | – | – | – | – | – | – | – | – | – | – |
| Wandsworth *WHHL* - - S. | 58,101 | 34 | 14 | 2 | 5 | – | – | 1 | 1 | 1 | – | – | – | – | 1 | 1 |
| Putney - - - - - - S. | 20,566 | 8 | 6 | 4 | 1 | – | – | – | – | 1 | – | – | – | – | 1 | 2 |
| Streatham *WwwL* - - L. | 61,644 | 25 | 25 | 3 | 6 | – | – | – | 4 | – | – | – | – | 1 | 1 | 2 |
| Dulwich - - - - L. & S. | 7,519 | 3 | 3 | – | 3 | – | – | – | – | – | – | – | – | – | – | – |
| Camberwell *Wwll* - S. & L. | 90,286 | 45 | 42 | 5 | 10 | – | – | – | – | – | – | – | – | – | 1 | 2 |
| Peckham *WW* - S., L., & K. | 88,242 | 48 | 22 | 6 | 8 | – | – | – | – | 1 | – | – | – | – | – | – |
| St. George Camberwell - L. & S. | 67,029 | 38 | 9 | 3 | 3 | – | – | – | 1 | – | – | – | – | – | – | – |
| Deptford North - - - K. | 36,152 | 23 | 7 | 1 | 2 | – | – | – | – | – | – | – | – | 1 | – | – |
| Deptford Central *w* - - K. | 45,441 | 34 | 17 | 5 | 1 | – | – | 2 | 4 | 1 | – | – | – | – | – | – |
| Deptford South - - - K. | 33,402 | 12 | 8 | – | 7 | – | – | – | 1 | – | – | – | – | 1 | – | – |
| Greenwich West *H* - - K. | 23,012 | 15 | 7 | 2 | 4 | – | – | – | – | – | – | – | – | – | – | – |
| Greenwich East *WH* - - K. | 37 767 | 26 | 18 | 2 | 4 | – | – | – | – | 1 | – | 2 | – | 1 | 1 | 1 |
| Eltham *wH* - - - - K. | 5,911 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Lee *H* - - - - - K. | 24,222 | 7 | 7 | – | 4 | – | – | – | – | – | – | – | – | – | – | – |
| Lewisham *WwH* - - - K. | 38,139 | 27 | 23 | 2 | 9 | – | – | – | 4 | – | – | – | – | – | – | 3 |
| Sydenham *H* - - - - L. | 37,601 | 13 | 8 | 3 | 2 | – | – | – | 1 | – | – | – | – | – | – | – |
| Charlton *wHB* - - K. | 15,928 | 10 | 5 | – | 2 | – | – | – | 1 | – | – | – | – | – | – | – |
| Woolwich Dockyard - - K. | 19,355 | 9 | 6 | 2 | 1 | – | – | – | – | – | – | – | – | 1 | – | – |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 24 | 6 | – | 2 | – | – | – | 1 | – | – | – | – | – | 1 | 1 |
| Plumstead West *H* - - K. | 16,714 | 10 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Plumstead East *WH* - - K. | 42,538 | 20 | 9 | 3 | 3 | – | – | – | – | – | – | – | – | – | – | – |
| Banstead Asylum - - - - | — | – | 3 | – | 2 | – | – | – | – | – | – | – | – | – | – | – |
| Caterham Asylum - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Cane Hill Asylum - - - - | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Hospital Ships and Camp, Dartford | — | – | – | – | – | 1 | – | – | – | – | – | – | – | – | – | – |
| Darenth Asylum - - - - | — | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| London County Asylum, Dartford Heath - - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Hanwell Asylum - - - - | — | – | 9 | – | 7 | – | – | – | – | – | – | – | – | – | – | – |
| Colney Hatch Asylum - - - | — | – | 4 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| N.E. Hospital - - - - - | — | – | 1 | – | – | – | – | 1 | – | – | – | – | – | – | – | – |
| Winchmore Hill Hospital - - | — | – | 1 | – | – | – | – | 1 | – | – | – | – | – | – | – | – |
| Leavesden Asylum - - - - | — | – | 3 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Claybury Asylum - - - - | — | – | 3 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |

* The two Sub-Districts of Leather Market and St. James Bermondsey were united on 1st September, and calle Bermondsey.

6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 10th December, 1898.

| REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years & upwds. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON—OUTER RING | 368,749 | 1,422,063 | 983 | 477 | 129 | 148 | – | 10 | 5 | 16 | 5 | 4 | 4 | 15 | 26 | 56 | 7 |
| Carshalton *wHH* | 12,228 | 26,108 | 9 | 8 | 2 | 2 | – | 1 | – | – | – | – | – | – | – | – | – |
| Epsom, *part of** *WwHH* | 10,423 | 12,508 | 3 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | 1 | – |
| Godstone, *part of** *W* | 2,754 | 1,598 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Croydon *WwHHH* | 20,851 | 128,699 | 80 | 35 | 6 | 13 | – | – | 1 | – | – | 1 | – | 1 | 2 | 7 | – |
| Mitcham *w* | 11,697 | 23,072 | 10 | 2 | 1 | – | – | – | – | – | – | – | – | – | 1 | – | – |
| Wimbledon *HHH* | 3,220 | 25,777 | 19 | 9 | 2 | 3 | – | – | – | – | – | – | 1 | – | – | – | – |
| Kingston *W* | 14,672 | 33,566 | 22 | 18 | 5 | 6 | – | – | – | – | – | – | – | 2 | 3 | 2 | – |
| Surbiton *H* | | 12,178 | 5 | 3 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – |
| Esher, *part of** *HH* | | 11,080 | 4 | 5 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Hampton *HL* | 4,565 | 18,252 | 10 | 5 | 1 | 4 | – | – | – | – | – | – | – | – | – | – | – |
| Richmond *WH* | 2,160 | 25,389 | 14 | 9 | 2 | 4 | – | – | – | 1 | – | – | – | 1 | 1 | 2 | – |
| Mortlake *H* | 2,823 | 16,159 | 6 | 4 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Bromley *HHH* | 9,127 | 23,815 | 11 | 10 | 1 | 5 | – | – | – | 1 | – | – | – | – | – | 1 | – |
| Beckenham *H* | 6,542 | 21,969 | 9 | 4 | 3 | – | – | 1 | – | – | – | – | – | – | – | – | 1 |
| Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 12 | 5 | – | 3 | – | – | – | – | – | – | – | – | – | 3 | – |
| Bexley *HHH* | 12,540 | 30,590 | 20 | 11 | 6 | 2 | – | – | – | – | – | – | – | 2 | 2 | – | 2 |
| Dartford *WH*, *part of** | — | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Sunbury *w* | 11,054 | 13,671 | 6 | 7 | 2 | 4 | – | – | – | – | – | – | – | – | – | – | – |
| Staines *WH* | 13,277 | 13,221 | 10 | 2 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Hillingdon *WHH* | 6,035 | 12,237 | 9 | 7 | – | 5 | – | – | – | 1 | – | – | – | – | – | 3 | – |
| Uxbridge | 12,757 | 7,253 | 4 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Hayes *wH* | 7,952 | 11,051 | 6 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Isleworth *WHH* | 6,967 | 26,004 | 10 | 12 | 2 | 6 | – | – | – | 2 | – | – | – | 1 | 1 | 2 | – |
| Twickenham *HH* | 2,415 | 16,027 | 12 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | 1 | – |
| Brentford *HHHH* | 4,318 | 37,777 | 34 | 16 | 4 | 4 | – | – | – | 1 | – | – | – | 1 | 2 | 1 | – |
| Chiswick | 1,245 | 21,963 | 20 | 9 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | – |
| Acton *wHH* | 6,132 | 30,945 | 25 | 16 | 7 | – | – | – | 1 | – | – | – | 1 | – | – | 1 | – |
| Harrow *HHH* | 13,809 | 15,715 | 7 | 7 | 1 | 3 | – | 1 | – | – | 1 | – | – | – | – | – | – |
| Edgware *HH* | 6,994 | 3,844 | 2 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| Willesden *HHH* | 4,383 | 61,265 | 51 | 21 | 4 | 7 | – | – | – | – | – | – | – | 1 | – | 1 | – |
| Hendon *WH* | 8,382 | 15,843 | 12 | 8 | 2 | 5 | – | – | 1 | – | – | – | – | – | – | 4 | – |
| South Mimms *HH* | 21,077 | 6,367 | 5 | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Barnet *WHH* | | 14,152 | 10 | 9 | 3 | 5 | – | – | – | – | – | – | – | – | – | 5 | 1 |
| Finchley *HHH* | 4,688 | 25,820 | 13 | 5 | 3 | – | – | – | – | – | 1 | – | – | – | – | – | – |
| Hornsey *HH* | 3,039 | 61,097 | 36 | 15 | 7 | 3 | – | – | – | – | – | – | – | – | – | – | – |
| Tottenham *HH* | 4,642 | 97,174 | 60 | 25 | 10 | 4 | – | – | 1 | – | – | – | – | 3 | 6 | – | – |
| Edmonton *Www* | 7,489 | 36,351 | 25 | 15 | 3 | 6 | – | 1 | 1 | 1 | – | – | – | – | – | 2 | – |
| Enfield *WWHH* | 12,602 | 31,536 | 20 | 9 | 2 | 3 | – | – | – | – | – | – | 1 | 1 | 1 | 1 | – |
| Waltham Abbey | 11,017 | 6,066 | 3 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Cheshunt *H* | 8,480 | 9,620 | 1 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | 2 |
| Hatfield, *part of** *W* | 3,306 | 582 | – | 1 | – | – | – | – | – | 1 | – | – | – | – | – | – | – |
| Bushey *H* | 9,331 | 7,737 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Watford *WH*, *part of** | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Stratford *H* | 4,706 | 38,612 | 28 | 17 | 5 | 2 | – | – | – | 2 | – | 1 | – | – | – | – | 1 |
| Plaistow *WHHH* | | 58,030 | 52 | 21 | 8 | 4 | – | 3 | – | 1 | – | 2 | – | – | – | 1 | – |
| Canning Town *H* | | 54,750 | 50 | 18 | 8 | 2 | – | – | – | 1 | – | – | 1 | 1 | 4 | – | – |
| Forest Gate *w* | | 53,511 | 24 | 10 | 2 | 2 | – | – | – | 3 | – | – | – | – | – | – | – |
| East Ham *wH* | 3,266 | 32,713 | 58 | 13 | 1 | 7 | – | – | – | – | – | – | – | – | – | – | – |
| Leyton *WWWwH* | 4,334 | 70,188 | 56 | 35 | 4 | 11 | – | 3 | – | 1 | 1 | – | – | – | 1 | 14 | – |
| Walthamstow *HHL* | 6,501 | 57,330 | 48 | 28 | 9 | 9 | – | – | – | – | 1 | – | – | – | 1 | – | – |
| Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 12 | 2 | – | – | – | – | – | – | – | – | – | 1 | 1 | 1 | – |
| Epping *WH*, *part of** | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Romford, *part of** *WH* | 6,556 | 4,324 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Ilford | 8,493 | 10,913 | 17 | 3 | 2 | 1 | – | – | – | – | 1 | – | – | – | – | – | – |
| Barking Town, *H* | 3,814 | 14,301 | 20 | 3 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| N. W. Fever Hospital, Hampstead. | — | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Middlesex Co. Lunatic Asy., Wandsworth. | — | — | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | 1 | – |

e parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring follows:—30: 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37: 1, the parishes of Warlingham arley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst strict, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in ld sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping ,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for ious Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford; and 187: 2, Epping sub-districts

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS a
Rate of MORTALITY during the week ending Saturday, 10th December, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | ANNUAL RATE of MORTALITY per 1000 living. From All Causes. | From Diseases in Cols. 8-14. | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. |
| GREATER LONDON | **443,421** | **6,408,321** | **15·7** | **1·5** | **1924** | **418** | **547** | **–** | **32** | **16** | **59** | **27** | **31** | **23** |
| INNER LONDON - | 74,672 | 4,504,766 | 16·7 | 1·7 | 1447 | 289 | 399 | – | 22 | 11 | 43 | 22 | 27 | 19 |
| OUTER RING - | 368,749 | 1,903,555 | 13·1 | 1·2 | 477 | 129 | 148 | – | 10 | 5 | 16 | 5 | 4 | 4 |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

| CITIES | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of Stillborn | DEATHS. Exclusive of Stillborn | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM PRINCIPAL ZYMOTIC DISEASES. Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 295,628 | December 10 | 153 | 139 | 24·5 | – | 3 | 2 | 1 | 3 | 2 |
| GLASGOW - - | 724,349 | „ 10 | 440 | 283 | 20·4 | – | 5 | 3 | 2 | 8 | 6 |
| DUBLIN - - | 349,594 | „ 10 | 188 | 170 | 25·4 | – | – | – | – | 3 | 4 |
| CALCUTTA - - | 466,460 | October 15 | – | – | – | – | – | – | – | – | – |
| BOMBAY - - | 821,764 | November 22 | 270 | 553 | 35·0 | – | 2 | ? | ? | ? | 125† |
| MADRAS - - | 452,518 | October 28 | 417 | 413 | 47·6 | – | 3 | ? | ? | ? | 45 |
| PARIS - - - | 2,511,629 | December 3 | – | – | – | – | – | – | – | – | – |
| BRUSSELS - - | 551,011 | „ 3 | 253 | 180 | 17·0 | – | 5 | 1 | – | 1 | 1 |
| AMSTERDAM - | 508,266 | November 26 | 280 | 186 | 19·0 | – | 4 | – | 1 | 3 | 2 |
| ROTTERDAM - | 393,878 | „ 26 | 232 | 118 | 19·9 | – | – | – | 4 | 1 | 1 |
| THE HAGUE - | 196,325 | „ 26 | 109 | 56 | 15·4 | – | 4 | – | – | – | – |
| COPENHAGEN - | 345,000 | December 3 | 180 | 107 | 16·2 | – | 3 | 3 | 1 | 3 | 1 |
| STOCKHOLM - | 283,550 | November 26 | 144 | 82 | 15·0 | – | 2 | – | 3* | 1 | 1 |
| CHRISTIANIA - | 2 3,337 | December 3 | 147 | 72 | 18·4 | – | 1 | – | – | – | – |
| ST. PETERSBURG | 1,132,677 | November 26 | 826 | 471 | 21·7 | – | 3 | 10 | 26 | 7 | 18 |
| MOSCOW - - | 988,610 | „ 26 | – | 493 | 26·0 | 6 | 6 | 10 | 21 | 4 | 2 |
| BERLIN - - | 1,773,003 | „ 19 | 866 | 531 | 15·4 | – | 1 | 7 | 18 | 4 | 2 |
| HAMBURG - - | 661,015 | December 3 | – | 202 | 15·9 | – | 1 | – | – | 10 | – |
| DRESDEN - - | 385,300 | November 12 | 245 | 125 | 16·8 | – | – | 1 | 4* | – | – |
| BRESLAU - - | 392,795 | December 3 | – | 149 | 19·8 | – | – | 2 | 2 | – | – |
| MUNICH - - | 430,000 | „ 3 | – | 181 | 21·9 | – | – | – | 4* | 2 | – |
| VIENNA - - | 1,590,295 | „ 3 | 833 | 523 | 16·9 | – | 8 | 2 | 14* | 3 | 1 |
| PRAGUE - - | 382,029 | November 26 | 199 | 195 | 26·6 | – | 10 | 4 | 10 | – | – |
| BUDA-PESTH - | 648,104 | „ 26 | 445 | 304 | 24·4 | – | 25 | 7 | 3 | – | 4 |
| TRIESTE - - | 165,177 | „ 26 | – | – | – | – | – | – | – | – | – |
| ROME - - - | 499,861 | „ 12 | 231 | 146 | 15·2 | 1 | – | – | – | 1 | 13 |
| TURIN (10 days) | 344,203 | „ 20 | – | – | – | – | – | – | – | – | – |
| VENICE - - | 169,545 | „ 19 | 75 | 64 | 19·7 | – | – | – | 1* | 1 | – |
| CAIRO - - | 570,062 | August 12 | 394 | 438 | 39·9 | – | 39 | – | 6* | – | 20 |
| ALEXANDRIA - | 319,766 | „ 12 | 224 | 190 | 30·9 | – | 1 | – | 3* | – | 4 |
| NEW YORK (including BROOKLYN) | 3,43[illegible],899 | November 19 | 1403 | 1074 | 16·3 | – | 5 | 7 | 28 | 6 | 11 |
| PHILADELPHIA - | 1,240,266 | „ 19 | – | 414 | 17·4 | – | – | 2 | 28 | 1 | 9 |

* Including deaths from croup.
† Including 33 deaths from "plague."
‡ Including 5 deaths from cholera.
§ Including 9 deaths from malarial fever

[Under the Superintendence of the Meteorological Office.]

| 1898. Month and Day | Phases of the Moon. | Barometer. Mean daily reading (corrected and reduced to 32° Fahrenheit). | Temperature. Of the Air. Highest. | Temperature. Of the Air. Lowest | Temperature. Of the Air. Daily Range. | Temperature. Of the Air. Mean daily value. | Temperature. Of the Air. Departure from Average of 50 years. | Temperature. Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Difference. Greatest. | Difference. Least. | Degree of Humidity (Saturation equals 100). | Temperature. Of Radiation. Highest in Sun's Rays. | Temperature. Of Radiation. Lowest on the Grass. | Temperature. Of the Earth 3 feet below the Surface. | Wind as deduced from Anemometers. Osler's. General Direction. A.M. | Osler's. General Direction. P.M. | Osler's. Pressure on the Square Foot. Greatest. | Osler's. Pressure. Least. | Osler's. Pressure. Mean of 24 hourly obs. | Robinson's. Horizontal Movement of the Air on each Day. | Robinson's. Departure from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DECEMBER. | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| SUNDAY - 4 | .. | 29·824 | 57·8 | 52·6 | 5·2 | 55·3 | +14·2 | 50·0 | 5·3 | 7·6 | 2·6 | 83 | 91·7 | 47·0 | 48·94 | SW. | SW. & SSW. | 5·5 | 0·0 | 1·0 | 508 | +205 | 0·00 | 4·5 |
| MONDAY - 5 | .. | 29·901 | 54·8 | 51·7 | 3·1 | 53·5 | +12·2 | 50·5 | 3·0 | 4·0 | 1·0 | 90 | 63·5 | 49·9 | 48·97 | SSW. | SSW. | 5·8 | 0·0 | 1·0 | 508 | +204 | 0·00 | 0·0 |
| TUESDAY - 6 | Last Qr. In Eqr. | 29·828 | 55·4 | 48·1 | 7·3 | 52·4 | +11·1 | 49·0 | 3·4 | 5·8 | 1·0 | 88 | 67·7 | 47·3 | 49 41 | SSW. & S.W. | SSW., SW. & WSW. | 6·4 | 0·0 | 0·9 | 474 | +170 | 0·09 | 0·0 |
| WEDNESDAY 7 | .. | 29·561 | 50·0 | 40·0 | 10·0 | 43·3 | + 2·3 | 40·5 | 2·8 | 5·3 | 1·0 | 90 | 52·9 | 34·9 | 49·69 | SSW., N. & NW. | WSW. | 3·8 | 0·0 | 0·4 | 337 | + 32 | 1·20 | 0·0 |
| THURSDAY - 8 | .. | 29·908 | 45·9 | 38·0 | 7·9 | 42·9 | + 2·3 | 36·1 | 6·8 | 10·6 | 3·6 | 77 | 49·3 | 30·3 | 49·62 | WSW., W. & NNW. | NNW., SSE. & S. | 3·1 | 0·0 | 0·2 | 249 | − 56 | 0·00 | 0·2 |
| FRIDAY - 9 | .. | 29·658 | 51·4 | 42·4 | 9·0 | 47·8 | + 7·5 | 40·9 | 6·9 | 9·9 | 2·3 | 77 | 71·1 | 36·1 | 49·30 | SSW., WSW. & W. | WSW. & W. | 7·4 | 0·0 | 0·9 | 504 | +198 | 0·05 | 0·8 |
| SATURDAY - 10 | .. | 30·090 | 53·8 | 42·7 | 11·1 | 50·7 | +10·8 | 44·3 | 6·4 | 8·4 | 3·2 | 79 | 65·8 | 36 3 | 49·08 | WSW. & SW. | WSW. & SW. | 14·0 | 0·0 | 1·0 | 535 | +229 | 0·00 | 0·0 |
| MEANS - | | 29·824 | 52·7 | 45·1 | 7·7 | 49·4 | + 8·6 | 44·5 | 4·9 | 7·4 | 2·1 | 83 | 66·0 | 40·3 | 49·29 | SW. | | .. | .. | .. | Sum 3115 | Sum +982 | Sum 1·34 | 0·8 |
| No. of Column - | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| DATE. DECEMBER. | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | GENERAL REMARKS. |
|---|---|---|---|---|
| SUNDAY - 4 | w. P. throughout - | 3·9 | 8·0 | Cloudy in early morning; very fine till 2h. P.M.; overcast afterwards with very slight rain at times. A very mild day. |
| MONDAY - 5 | w. P. throughout - | 0·0 | 8·0 | Generally overcast. Brisk wind. Mild. |
| TUESDAY - 6 | w. P. throughout - | 0·0 | 8·0 | Overcast; frequent slight rain after 3h. P.M. Brisk wind till evening. Mild. |
| WEDNESDAY 7 | w. P. and v. N. till 2h. P.M.; w. P. afterwards. | 0·0 | 7·9 | Overcast till 2h. P.M. with continuous rain between 2h A.M. and 1h. P.M.; partially cloudy till evening; generally cloudless afterwards. |
| THURSDAY - 8 | w. P. generally - | 0·0 | 7·9 | Overcast in morning; fine and partially cloudy afterwards. |
| FRIDAY - 9 | w. P. till 4h. P.M.; m. P. afterwards. | 2·7 | 7·9 | Overcast with occasional rain till 10h. A.M.; small amounts of cloud till 5h. P.M.; cloudless at night. Brisk wind at times. |
| SATURDAY - 10 | w. P. throughout - | 0·1 | 7·9 | Cloudless till 2h. A.M.; generally overcast afterwards. Strong wind in forenoon. Mild. |
| | | Sum 6·7 | Sum 55·6 | |
| | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased from 29·73 in. at the beginning of the week to 29·71 in. by 2h. A.M. on the 4th; increased to 29·93 in. by 11h. P.M. on the 5th; decreased to 29·52 in. by 1h. P.M. on the 7th; increased to 29·94 in. by 4h. P.M. on the 8th; decreased to 29·49 in. by 8h. A.M. on the 9th and increased to 30·27 in. by the end of the week.

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1898.

OFFICIAL COPY.

# WEEKLY RETURN

OF

# BIRTHS AND DEATHS IN LONDON

AND IN

# THIRTY-TWO OTHER GREAT TOWNS

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No. 50. 1898. VOL. LIX.] WEEK ENDING SATURDAY, DEC. 17. [Price 1½*d.*

*General Register Office, Somerset House,*
*December 19th*, 1898.

## THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 16·6 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS. | Weeks ending | | | | TOWNS. | Weeks ending | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Nov. 26. | Dec. 3. | Dec. 10. | Dec. 17. | | Nov. 26. | Dec. 3. | Dec. 10. | Dec. 17. |
| 33 Great Towns | 17·4 | 19·1 | 17·8 | 16·6 | Leicester - - | 17·5 | 21·5 | 15·7 | 14·0 |
| Birkenhead - | 13·4 | 18·9 | 20·3 | 15·2 | Liverpool - - | 22·3 | 21·3 | 22·0 | 19·9 |
| Birmingham - | 18·5 | 21·3 | 18·9 | 15·7 | London - - - | 16·7 | 18·2 | 16·7 | 16·5 |
| Blackburn - | 18·4 | 22·3 | 20·4 | 18·4 | Manchester - - | 19·9 | 21·7 | 20·1 | 20·9 |
| Bolton - - | 19·2 | 21·7 | 27·2 | 15·3 | Newcastle-on-Tyne | 18·0 | 24·8 | 18·7 | 14·3 |
| Bradford - | 14·3 | 18·7 | 16·1 | 14·9 | Norwich - - | 19·1 | 16·3 | 14·9 | 15·9 |
| Brighton - | 21·3 | 20·5 | 20·0 | 14·1 | Nottingham - - | 18·3 | 18·1 | 19·2 | 21·9 |
| Bristol - | 16·9 | 18·1 | 20·1 | 15·3 | Oldham - - | 20·0 | 17·2 | 15·8 | 14·4 |
| Burnley - | 13·8 | 12·4 | 20·9 | 12·4 | Plymouth - - | 12·6 | 18·4 | 17·9 | 17·9 |
| Cardiff - - | 12·3 | 15·3 | 16·4 | 14·7 | Portsmouth - - | 17·3 | 19·3 | 20·7 | 16·8 |
| Croydon - | 11·3 | 17·2 | 12·6 | 11·7 | Preston - - | 21·5 | 20·6 | 21·1 | 17·9 |
| Derby - - | 24·9 | 23·4 | 12·4 | 10·9 | Salford - - - | 19·6 | 24·2 | 18·4 | 15·5 |
| Gateshead - | 21·6 | 17·1 | 15·6 | 14·6 | Sheffield - - | 16·5 | 18·1 | 16·8 | 18·4 |
| Halifax - | 13·5 | 13·5 | 17·8 | 13·5 | Sunderland - - | 20·3 | 15·9 | 23·2 | 21·7 |
| Huddersfield- | 12·2 | 21·9 | 13·2 | 15·8 | Swansea - - | 14·3 | 20·4 | 23·0 | 21·5 |
| Hull - - | 14·3 | 16·1 | 15·4 | 12·0 | West Ham - - | 14·7 | 21·1 | 13·6 | 16·4 |
| Leeds - - | 18·1 | 17·4 | 18·8 | 16·8 | Wolverhampton - | 26·1 | 27·8 | 16·0 | 15·4 |

The highest annual death-rates per 1000 living, as measured by last week' mortality, were:—from *measles*, 1·4 in Manchester, 3·0 in Bolton, and 3·1 in Nottingham; from *scarlet fever*, 1·0 in Swansea; from *whooping-cough*, 1·0 in Swansea, 1·2 in Cardiff, and 1·3 in Preston; and from "*fever*," 1·0 in Swansea and in Sheffield, and 1·2 in Salford. In none of the thirty-three towns did the death-rate from *diarrhœa* reach 1·0 per 1000. The 103 deaths from *diphtheria* included 40 in London, 10 in Swansea, 7 in West Ham, 7 in Liverpool, 7 in Leeds, 6 in Sheffield, 4 in Birmingham, 3 in Portsmouth, 3 in Cardiff, and 3 in Salford. No death from *small-pox* was registered in any of the thirty-three towns.

## LONDON.

In LONDON† 2519 BIRTHS and 1423 DEATHS were registered. Allowing for increase of population, the births were 76, and the deaths 346, below the average numbers in the corresponding weeks of the last ten

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong

years. The annual death-rate per 1000 from all causes, which had been 16·7, 18·2, and 16·7 in the preceding three weeks, further fell last week to 16·5. During the four weeks ending on Saturday last the death-rate averaged 17·0 per 1000, being 3·0 per 1000 below the mean rate in the corresponding periods of the ten years 1888–97.

The 1423 deaths included 31 from measles, 6 from scarlet fever, 40 from diphtheria, 26 from whooping-cough, 19 from enteric fever, 13 from diarrhœa and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 135 deaths were referred to these diseases, being 85 below the corrected average weekly number.

The deaths from *measles*, which had been 24, 25, and 22 in the preceding three weeks, rose again last week to 31, but were 40 below the corrected average; 5 cases belonged to St. Pancras, 4 to Limehouse, 3 to Bethnal Green, and 3 to Mile End Old Town sanitary areas. The deaths from *scarlet fever*, which had been 7, 9, and 11 in the preceding three weeks, fell again last week to 6, and were 15 below the corrected average; 2 cases belonged to Lambeth sanitary area. The deaths from *diphtheria*, which had been 38, 43, and 43 in the preceding three weeks, fell again last week to 40, and were 15 below the corrected average; 6 cases belonged to Lambeth, 3 to Battersea, 3 to Paddington, 3 to St. Pancras, and 3 to Mile End Old Town sanitary areas. The deaths from *whooping-cough*, which had been 16, 28, and 22 in the preceding three weeks, rose again last week to 26, but were 13 below the corrected average; 5 cases belonged to Lambeth sanitary area. The fatal cases of *enteric fever*, which had been 33, 21, and 26 in the preceding three weeks, fell again last week to 19, which is also the corrected average; 3 cases belonged to Kensington, and 2 to Lambeth sanitary areas. The deaths from *diarrhœa*, which had been 6, 17, and 19 in the preceding three weeks, fell again last week to 13, the corrected average being 14. The deaths referred to diseases of the respiratory organs, which had been 280, 340, and 295 in the preceding three weeks, further fell last week to 283, and were 160 below the corrected average. The deaths attributed directly to *influenza* numbered 13, having been 11, 14, and 12 in the preceding three weeks.

Different forms of violence caused 72 deaths, concerning all but 2 of which inquests were held. Of these 72 deaths, 5 were cases of suicide, and 3 of homicide, while the remaining 64 were attributed to accident or negligence. Seven of these were referred to vehicles in the streets, 12 to burns and scalds, and 16 (of infants under one year of age), to suffocation in bed.

### Cases of Infectious Sickness in Hospitals*.

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 3043 cases of scarlet fever, 1310 of diphtheria, and 285 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 260 cases, against 234, 264, and 276; of diphtheria, 155 cases, against 157, 168, and 206; and of enteric fever, 43 cases, against 53, 47, and 29.

### Greater London.

In Greater London 3513 births and 1866 deaths were registered, corresponding to annual rates of 28·6 and 15·2 per 1000 of the estimated population. In the Outer Ring 2 deaths from measles, 21 from diphtheria, 10 from whooping-cough, 9 from "fever," and 6 from diarrhœa were registered. Ten deaths from diphtheria, 5 from whooping-cough, and 3 from "fever" occurred in West Ham district; 5 deaths from diphtheria occurred in Edmonton district.

### Meteorology.

The mean reading of the Barometer last week at Greenwich was 30·12 inches, and that of the Thermometer 48·0°; the latter being 7·9° above the week's average in the 50 years 1841–90. The direction of the wind was south-westerly, the horizontal movement of the air being 8 per cent. above the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 0·8 hours; no rain was measured during the week.

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* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Registered during the Week ending 17th December 1898. Births. | Deaths. | The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Annual Rate per 1000, corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6–12. | Temperature of the Air. Highest. Fahrenheit. | Lowest. Fahrenheit. | Mean. Fahrenheit. | Mean. Centigrade. | Rainfall. In Inches. | In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| 33 Towns | **11,218,378** | **6281** | **3575** | **779** | **871** | **–** | **97** | **24** | **103** | **55** | **60** | **33** | **143** | **289** | **832** | **36** | **16·6** | **1·7** | **56·0** | **32·6** | **47·1** | **8·37** | **0·13** | **0·33** | 33 Towns. |
| London | 4,504,766 | 2519 | 1423 | 286 | 382 | – | 31 | 6 | 40 | 26 | 19 | 13 | 72 | 146 | 449 | 10 | 16·5 | 1·6 | 54·6 | 36·4 | 48·0 | 8·89 | 0·00 | 0·00 | London. |
| West Ham | 286,654 | 169 | 90 | 25 | 15 | – | 1 | – | 7 | 2 | 2 | 1 | 3 | 7 | 12 | 1 | 16·4 | 2·4 | – | – | – | – | – | – | West Ham. |
| Croydon | 124,421 | 81 | 28 | 6 | 9 | – | – | – | – | 1 | 2 | 1 | 1 | 1 | 12 | – | 11·7 | 1·7 | 55·5 | 33·6 | 46·8 | 8·22 | 0·07 | 0·18 | Croydon. |
| Brighton | 122,310 | 57 | 33 | 6 | 12 | – | – | – | 1 | – | 1 | – | – | 1 | 9 | – | 14·1 | 0·9 | 55·0 | 36·0 | 48·1 | 8·94 | 0·20 | 0·51 | Brighton. |
| Portsmouth | 186,618 | 102 | 60 | 12 | 16 | – | 2 | 2 | 3 | – | 1 | 2 | 2 | 2 | 13 | – | 16.8 | 2·8 | 55·0 | 38·5 | 49·1 | 9·50 | 0·02 | 0·05 | Portsmouth. |
| Plymouth | 99,136 | 44 | 34 | 6 | 12 | – | 1 | – | – | – | – | – | 2 | 5 | 5 | – | 17·9 | 0·5 | – | – | – | – | – | – | Plymouth. |
| Bristol | 316,900 | 143 | 93 | 31 | 25 | – | 1 | – | 1 | 2 | – | 1 | 3 | 10 | 17 | 1 | 15·3 | 0·8 | 54·0 | 38·0 | 47·6 | 8·67 | 0·07 | 0·18 | Bristol. |
| Cardiff | 177,770 | 100 | 50 | 13 | 7 | – | – | – | 3 | 4 | – | – | 1 | 2 | 5 | – | 14·7 | 2·1 | – | – | – | – | – | – | Cardiff. |
| Swansea | 102,001 | 51 | 42 | 7 | 4 | – | – | 2 | 10 | 2 | 2 | – | – | 2 | 3 | 1 | 21·5 | 8·2 | – | – | – | – | – | – | Swansea. |
| Wolverhampton | 88,051 | 57 | 26 | 5 | 9 | – | – | – | 1 | – | – | – | 2 | 4 | 2 | – | 15·4 | 0·6 | 55·4 | 34·2 | 46·7 | 8·17 | 0·00 | 0·00 | Wolverhampton. |
| Birmingham | 510,343 | 331 | 154 | 40 | 33 | – | 3 | 2 | 4 | 3 | 2 | 2 | 4 | 10 | 28 | 3 | 15·7 | 1·6 | – | – | – | – | – | – | Birmingham. |
| Norwich | 111,699 | 42 | 34 | 6 | 12 | – | 2 | – | 1 | 2 | 2 | – | 2 | 3 | 5 | 1 | 15·9 | 3·3 | 54·8 | 34·0 | 45·8 | 7·67 | 0·03 | 0·08 | Norwich. |
| Leicester | 208,662 | 98 | 56 | 12 | 14 | – | – | 1 | 2 | 1 | – | – | – | 1 | 7 | 1 | 14·0 | 1·0 | – | – | – | – | – | – | Leicester. |
| Nottingham | 236,137 | 123 | 99 | 26 | 12 | – | 14 | 1 | 1 | 2 | – | – | 7 | 9 | 15 | – | 21·9 | 4·0 | 55·7 | 32·6 | 45·6 | 7·56 | 0·02 | 0·05 | Nottingham. |
| Derby | 104,834 | 50 | 22 | 5 | 6 | – | – | – | – | – | 1 | – | 1 | 4 | 5 | – | 10·9 | 0·5 | – | – | – | – | – | – | Derby. |
| Birkenhead | 113,189 | 91 | 33 | 11 | 10 | – | – | – | 1 | 1 | – | – | – | 1 | 4 | – | 15·2 | 0·9 | – | – | – | – | – | – | Birkenhead. |
| Liverpool | 633,645 | 409 | 242 | 41 | 59 | – | 10 | 1 | 7 | 1 | 5 | 2 | 11 | 17 | 77 | 7 | 19·9 | 2·1 | 56·0 | 41·4 | 49·4 | 9·67 | 0·29 | 0·74 | Liverpool. |
| Bolton† | 122,495 | 79 | 36 | 9 | 7 | – | 7 | – | – | – | 1 | – | – | 2 | 3 | 1 | 15·3 | 3·4 | – | – | – | – | – | – | Bolton.† |
| Manchester | 539,079 | 295 | 216 | 54 | 31 | – | 14 | 1 | 2 | – | 3 | 3 | 5 | 12 | 34 | – | 20·9 | 2·2 | – | – | – | – | – | – | Manchester. |
| Salford | 215,702 | 123 | 64 | 10 | 10 | – | 2 | 2 | 3 | – | 5 | – | 1 | 2 | 15 | – | 15·5 | 2·9 | – | – | – | – | – | – | Salford. |
| Oldham | 148,288 | 63 | 41 | 9 | 13 | – | – | 1 | – | – | 1 | – | – | – | 5 | – | 14·4 | 0·7 | – | – | – | – | – | – | Oldham. |
| Burnley | 109,546 | 47 | 26 | 5 | 5 | – | – | – | – | – | – | – | – | – | 5 | 1 | 12·4 | – | – | – | – | – | – | – | Burnley. |
| Blackburn | 133,228 | 59 | 47 | 11 | 14 | – | 1 | – | 1 | – | – | 1 | – | 2 | 5 | 2 | 18·4 | 1·2 | – | – | – | – | – | – | Blackburn. |
| Preston | 116,356 | 65 | 40 | 14 | 10 | – | – | – | – | 3 | – | 1 | 2 | 4 | 5 | – | 17·9 | 1·8 | – | – | – | – | – | – | Preston. |
| Huddersfield | 102,454 | 37 | 31 | 8 | 8 | – | 1 | – | – | 1 | – | 1 | – | – | 2 | – | 15·8 | 1·5 | 54·0 | 35·2 | 46·1 | 7·83 | 0·21 | 0·53 | Huddersfield. |
| Halifax | 96,729 | 27 | 25 | 3 | 9 | – | 1 | – | – | 1 | 1 | – | – | – | 4 | 1 | 13·5 | 1·6 | – | – | – | – | – | – | Halifax. |
| Bradford | 233,737 | 96 | 67 | 9 | 20 | – | – | – | 1 | – | 1 | 1 | 4 | 9 | 9 | – | 14·9 | 0·7 | 55·2 | 34·0 | 47·0 | 8·33 | 0·04 | 0·10 | Bradford. |
| Leeds | 416,618 | 242 | 134 | 34 | 27 | – | 1 | 2 | 7 | – | 1 | 1 | 4 | 11 | 16 | 1 | 16·8 | 1·5 | – | – | – | – | – | – | Leeds. |
| Sheffield | 356,478 | 259 | 126 | 25 | 38 | – | 2 | 1 | 6 | – | 7 | 1 | 5 | 5 | 23 | 4 | 18·4 | 2·5 | – | – | – | – | – | – | Sheffield. |
| Hull | 229,887 | 148 | 53 | 11 | 13 | – | – | – | – | – | 1 | – | 2 | 4 | 15 | – | 12·0 | 0·2 | 56·0 | 33·0 | 44·5 | 6·94 | 0·06 | 0·15 | Hull. |
| Sunderland | 143,849 | 93 | 60 | 13 | 13 | – | – | 1 | – | 2 | 1 | 1 | 3 | 5 | 10 | 1 | 21·7 | 1·8 | – | – | – | – | – | – | Sunderland. |
| Gateshead | 103,775 | 69 | 29 | 13 | 5 | – | 1 | 1 | – | – | – | – | 1 | 3 | – | – | 14·6 | 1·0 | – | – | – | – | – | – | Gateshead. |
| Newcastle | 223,021 | 112 | 61 | 13 | 11 | – | 2 | – | 1 | 1 | 1 | 1 | 5 | 5 | 13 | – | 14·3 | 1·4 | – | – | – | – | – | – | Newcastle. |

* See note * on first page of this return.

† The recent extension of the Borough of Bolton will not be taken into account in the Weekly Returns until 1899.

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the FIFTIETH Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2291 | 2535 | 2293 | 2625 | 2451 | 2474 | 2597 | 2219 | 2555 | 2623 | 2595·3 | 2519 |
| Males - - | 1139 | 1323 | 1144 | 1357 | 1233 | 1264 | 1247 | 1171 | 1342 | 1292 | 1316·7 | 1309 |
| Females - | 1152 | 1212 | 1149 | 1268 | 1218 | 1210 | 1350 | 1048 | 1213 | 1331 | 1278·6 | 1210 |
| TOTAL **Deaths** - | 1455 | 1768 | 1787 | 1449 | 1589 | 2400 | 1550 | 1477 | 1539 | 1796 | 1768·9 | 1423 |
| Males - - | 733 | 901 | 910 | 748 | 824 | 1165 | 780 | 759 | 789 | 910 | 896·4 | 734 |
| Females - - | 722 | 867 | 877 | 701 | 765 | 1235 | 770 | 718 | 750 | 886 | 872·5 | 689 |

*The numbers in this column are the average weekly numbers in the fiftieth week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | Sept. 24. | Oct. 1. | Oct. 8. | Oct. 15. | Oct. 22. | Oct. 29. | Nov. 5. | Nov. 12. | Nov. 19. | Nov. 26. | Dec. 3. | Dec. 10. | Dec. 17. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** - - | 2574 | 2614 | 2554 | 2454 | 2468 | 2652 | 2530 | 2696 | 2585 | 2155 | 2575 | 2577 | 2519 |
| TOTAL **Deaths** - - - | 1863 | 1700 | 1620 | 1600 | 1497 | 1411 | 1394 | 1405 | 1436 | 1439 | 1569 | 1447 | 1423 |
| Ages at Death: Under 1 year - - | 764 | 619 | 498 | 415 | 351 | 349 | 357 | 328 | 310 | 320 | 362 | 289 | 286 |
| 1—5 years - - | 202 | 195 | 182 | 180 | 167 | 169 | 155 | 158 | 175 | 157 | 203 | 166 | 176 |
| 5—20 ,, - - | 86 | 76 | 76 | 95 | 93 | 82 | 73 | 76 | 103 | 95 | 78 | 77 | 88 |
| 20—40 ,, - - | 204 | 185 | 180 | 204 | 199 | 178 | 198 | 191 | 194 | 198 | 190 | 196 | 174 |
| 40—60 ,, - - | 269 | 293 | 314 | 324 | 320 | 282 | 276 | 293 | 299 | 287 | 297 | 320 | 317 |
| 60—80 ,, - - | 266 | 288 | 291 | 307 | 290 | 287 | 258 | 299 | 286 | 302 | 349 | 331 | 303 |
| 80 years and upwards | 72 | 44 | 79 | 75 | 77 | 64 | 77 | 60 | 69 | 80 | 90 | 68 | 79 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox - - - - | - | - | - | 1 | - | - | - | - | - | - | - | - | - |
| Measles - - - - - | 12 | 10 | 7 | 9 | 12 | 19 | 23 | 19 | 19 | 24 | 25 | 22 | 31 |
| Scarlet Fever - - - | 9 | 10 | 7 | 7 | 14 | 10 | 13 | 17 | 12 | 7 | 9 | 11 | 6 |
| Diphtheria - - - - | 20 | 33 | 34 | 41 | 30 | 46 | 28 | 31 | 44 | 38 | 43 | 43 | 40 |
| Whooping-cough - - - | 31 | 29 | 18 | 17 | 10 | 13 | 10 | 13 | 14 | 16 | 28 | 22 | 26 |
| Typhus - - - - - | - | - | - | - | - | - | 1 | - | - | - | - | 1 | - |
| Enteric Fever - - - | 9 | 9 | 6 | 18 | 28 | 20 | 29 | 27 | 28 | 33 | 21 | 26 | 19 |
| Simple Continued Fever - | - | - | - | - | - | 2 | - | - | - | - | - | - | - |
| Diarrhœa and Dysentery .. | 347 | 247 | 138 | 99 | 48 | 33 | 34 | 17 | 16 | 6 | 17 | 19 | 13 |
| Cholera - - - - - - | 7 | 10 | 1 | 1 | - | 1 | - | - | - | 1 | - | - | - |
| All the above Diseases - | 444 | 348 | 211 | 193 | 142 | 144 | 138 | 124 | 133 | 125 | 143 | 144 | 135 |
| Dis. of Respiratory System - | 157 | 200 | 226 | 263 | 263 | 262 | 237 | 248 | 285 | 280 | 340 | 295 | 283 |
| Phthisis - - - - - - | 127 | 147 | 148 | 173 | 169 | 140 | 135 | 155 | 184 | 148 | 161 | 158 | 143 |
| Dis. of Circulatory System - | 121 | 136 | 140 | 143 | 137 | 125 | 130 | 133 | 125 | 145 | 145 | 140 | 123 |
| Violence - - - - - | 58 | 66 | 76 | 56 | 52 | 63 | 50 | 71 | 67 | 66 | 76 | 53 | 72 |
| Inquest Cases - - - - | 133 | 147 | 147 | 145 | 121 | 135 | 114 | 143 | 137 | 139 | 179 | 131 | 146 |
| Deaths in Public Institutions - | 494 | 445 | 483 | 489 | 459 | 459 | 433 | 451 | 468 | 473 | 446 | 474 | 449 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean - - - - - - | 57·2° | 52·9° | 56·1° | 49·5° | 55·3° | 55·5° | 49·8° | 49·6° | 48·0° | 41·7° | 44·1° | 49·4° | 48·0° |
| Mean of Highest readings - | 68·7 | 63·8 | 62·4 | 55·1 | 60·0 | 61·0 | 56·5 | 56·0 | 52·5 | 45·2 | 47·6 | 52·7 | 51·9 |
| Mean of Lowest readings - | 47·1 | 42·5 | 50·1 | 44·5 | 50·8 | 50·6 | 43·0 | 44·0 | 43·1 | 37·3 | 39·5 | 45·1 | 43·0 |
| Humidity of the Air - - | 75 | 72 | 82 | 86 | 87 | 82 | 79 | 93 | 89 | 90 | 85 | 83 | 83 |
| Rain-fall (in inches) - - | 0·12 | 0·16 | 0·02 | 0·42 | 1·42 | 1·03 | 0·52 | 0·02 | 0·02 | 1·88 | 0·26 | 1·34 | 0·00 |
| Registered Sunshine (in hours) | 33·8 | 42·4 | 18·3 | 12·5 | 10·9 | 22·2 | 28·7 | 27·2 | 10·7 | 7·0 | 5·6 | 6·7 | 0·8 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox - - - - - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| Scarlet Fever - - - - | 2353 | 2459 | 2606 | 2728 | 2915 | 3031 | 3092 | 3188 | 3259 | 3162 | 3142 | 3090 | 3043 |
| Diphtheria - - - - | 964 | 1027 | 1052 | 1125 | 1169 | 1187 | 1241 | 1251 | 1251 | 1250 | 1274 | 1314 | 1310 |
| Enteric Fever - - - - | 128 | 155 | 176 | 191 | 214 | 223 | 230 | 242 | 252 | 266 | 286 | 286 | 285 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton: A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley Wolverhampton; Arthur Brown. Esq., M.Inst. C.E., and F. Boobbyer Esq.. M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst.C.E., Bradford; and Mr. E. Peak, Hull.

ABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FIFTIETH Week of the Year 1898.

| USES OF DEATH | Corrected Averages for the 50th Week of the 10 years 1888–97*. | In the Week ending Saturday, 17th December 1898. Deaths of Persons of the Ages: All Ages. | Under 20. 0–1 | 1–5. | 5–20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| USES - - - | 1768·9 | 1423 | 286 | 176 | 88 | 174 | 317 | 303 | 79 |
| Vaccinated† - | – | – | – | – | – | – | – | – | – |
| Unvaccinated | 0·2 | – | – | – | – | – | – | – | – |
| No Statement | 0·2 | – | – | – | – | – | – | – | – |
| s - - - - | 71·1 | 31 | 4 | 26 | 1 | – | – | – | – |
| Fever - - - | 20·8 | 6 | – | 5 | 1 | – | – | – | – |
| - - - - - | – | – | – | – | – | – | – | – | – |
| ing Fever - - | 0·1 | – | – | – | – | – | – | – | – |
| za - - - - | 26·7 | 13 | – | – | – | 2 | 8 | 2 | 1 |
| ing-cough - - | 38·8 | 26 | 10 | 14 | 2 | – | – | – | – |
| eria - - | 55·1 | 40 | 1 | 25 | 14 | – | – | – | – |
| Continued and fined Fever - | 0·1 | – | – | – | – | – | – | – | – |
| Fever - - - | 19·2 | 19 | – | 1 | 4 | 11 | 3 | – | – |
| and Chol. Diarr. | 0·1 | – | – | – | – | – | – | – | – |
| rea, Dysentery - | 13·8 | 13 | 7 | 1 | – | – | 4 | 1 | |
| ent Fever - - | – | – | – | – | – | – | – | – | – |
| hobia - - - | – | – | – | – | – | – | – | – | – |
| rs - - - - | – | – | – | – | – | – | – | – | – |
| x and Effects of nation - - | 0·4 | – | – | – | – | – | – | – | – |
| al Affections - - | 9·6 | 4 | 2 | – | – | 1 | 1 | – | – |
| blas - - - | 7·2 | 7 | 1 | – | – | 2 | 3 | 1 | – |
| a and Septicæmia | 2·0 | 2 | – | – | 1 | 1 | – | – | – |
| ral Fever - - | 6·1 | 5 | – | – | 1 | 3 | 1 | – | – |
| Zymotic Diseases | 2·1 | – | – | – | – | – | – | – | – |
| - - - - - | 1·2 | – | – | – | – | – | – | – | – |
| and other Parasitical Diseases - | 0·4 | – | – | – | – | – | – | – | – |
| ion, Want of t-milk - - | 1·4 | 2 | 2 | – | – | – | – | – | – |
| ism - - - | 9·2 | 7 | – | – | – | 1 | 6 | – | – |
| atic Fever, matism of Heart | 10·2 | 9 | – | – | 6 | – | 3 | – | – |
| atism - - - | 2·0 | 3 | – | – | – | – | 1 | 2 | – |
| - - - - | 2·8 | 4 | – | – | – | – | 1 | 2 | 1 |
| - - - - | 5·7 | – | – | – | – | – | – | – | – |
| - - - - | 69·9 | 75 | – | 1 | – | 7 | 40 | 26 | 1 |
| Mesenterica - - | 16·8 | 8 | 5 | – | 1 | 1 | 1 | – | – |
| ular Meningitis - | 21·0 | 26 | 5 | 16 | 5 | – | – | – | – |
| s - - - - | 163·9 | 143 | 3 | 1 | 11 | 61 | 58 | 9 | – |
| a, Tuberculosis - | 16·1 | 16 | 2 | 8 | 2 | 2 | 1 | 1 | – |
| Constitutional ses - - | 13·3 | 12 | – | – | – | 2 | 6 | 4 | – |
| ure Birth - - | 47·7 | 55 | 55 | – | – | – | – | – | – |
| asis - - - | 3·3 | 5 | 5 | – | – | – | – | – | – |
| ital Malforma- - - - | 7·1 | 3 | 3 | – | – | – | – | – | – |
| - - - - | 54·0 | 55 | – | – | – | – | – | 18 | 37 |
| ky - - - | 47·2 | 42 | – | – | – | – | 13 | 23 | 6 |
| y - - - - | 6·1 | 6 | – | – | 1 | 3 | 2 | – | – |
| ions - - - | 35·7 | 24 | 22 | 2 | – | – | – | – | – |
| Diseases of Brain ervous System | 88·5 | 69 | 6 | 4 | 1 | 11 | 18 | 20 | 9 |
| of Organs of l Sense - | 3·5 | 2 | 1 | – | 1 | – | – | – | – |

| CAUSES OF DEATH | Corrected Averages for the 50th Week of the 10 years 1888–97*. | In the Week ending Saturday, 17th December 1898. Deaths of Persons of the Ages: All Ages. | Under 20. 0–1. | 1–5. | 5–20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 150·8 | 123 | 3 | – | 11 | 14 | 39 | 52 | 4 |
| Croup - - - - | 6·6 | 2 | – | 1 | 1 | – | – | – | – |
| Bronchitis - - - | 265·1 | 141 | 33 | 13 | 3 | 6 | 14 | 59 | 13 |
| Pneumonia - - - | 128·5 | 110 | 29 | 37 | 5 | 7 | 20 | 11 | 1 |
| Pleurisy - - - - | 5·9 | 5 | 1 | – | – | – | 3 | 1 | – |
| Other Diseases of Respiratory System - | 36·7 | 25 | 6 | – | 1 | 1 | 6 | 11 | – |
| Dentition - - - - | 11·6 | 6 | 5 | 1 | – | – | – | – | – |
| Quinsy, Sore Throat - | 1·6 | 4 | – | 3 | 1 | – | – | – | – |
| Enteritis - - - - | 9·8 | 30 | 14 | 2 | 1 | 3 | 4 | 6 | – |
| Peritonitis - - - | 6·9 | 6 | – | 1 | 1 | 4 | – | – | – |
| Diseases of Liver - - | 25·7 | 35 | – | – | – | 3 | 18 | 14 | – |
| Other Diseases of Digestive System | 30·4 | 27 | 6 | 3 | 1 | 3 | 6 | 8 | – |
| Diseases of Lymphatic System & of Ductless Glands - - - | 2·2 | 1 | – | – | – | – | 1 | – | – |
| Diseases of Urinary System - - - | 47·9 | 51 | 1 | – | 1 | 9 | 22 | 16 | 2 |
| Diseases of Generative System - - - | 5·7 | 8 | – | – | 2 | 2 | 3 | 1 | – |
| Accidents of Childbirth - | 5·3 | 3 | – | – | – | 2 | 1 | – | – |
| Diseases of Locomotive System - - - | 5·6 | 2 | – | – | 2 | – | – | – | – |
| Diseases of Integumentary System - - | 6·0 | 8 | 2 | 2 | – | 2 | 1 | – | 1 |
| VIOLENT DEATHS.‡ (ACCIDENT.) | | | | | | | | | |
| By Railways - - - | | – | – | – | – | – | – | – | – |
| By Vehicles or Horses - | | 7 | – | – | 2 | 1 | 1 | 3 | – |
| In Ships, Boats, Docks, (exclusive of Drowning) - - - | | – | – | – | – | – | – | – | – |
| In Building Operations - | | 1 | – | – | – | – | 1 | – | – |
| In Conflagrations - | | – | – | – | – | – | – | – | – |
| By Burns, Scalds, Explosions - - | 57·2 | 12 | 2 | 6 | 1 | – | 1 | 2 | – |
| By Drowning - - - | | 5 | – | – | – | 2 | 1 | 2 | – |
| By Suffocation in Bed - | | 16 | 16 | – | – | – | – | – | – |
| By Poisons or Poisonous Vapours - - | | 4 | 1 | – | – | 2 | 1 | – | – |
| Other or not stated causes - - - - | | 19 | 2 | 1 | 3 | 3 | 5 | 4 | 1 |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - | 1·1 | 3 | 3 | – | – | – | – | – | – |
| Suicide - - - - | 6·8 | 5 | – | – | – | 2 | 2 | 1 | – |
| Execution - - - | – | – | – | – | – | – | – | – | – |
| OTHER CAUSES - | 50·9 | 32 | 28 | 2 | – | – | 1 | – | 1 |

numbers in this column are the average weekly deaths for the ten years 1888–97, raised by 5·230 per cent. for increase lation.

those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the death is not certified by a registered practitioner, the case is returned under the heading "no statement." evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of t, murder manslaughter or suicide. All such cases are classed under "accident."

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEAS SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in SUB-DISTRICT during the Week ending Saturday, 17th December, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2519 | 1423 | 286 | 382 | - | 31 | 6 | 40 | 26 | - | 19 | - | 13 | 72 | 146 | 449 |
| WEST DISTRICTS - - - | 778,251 | 337 | 247 | 42 | 77 | - | - | 2 | 7 | 1 | - | 2 | - | 3 | 14 | 26 | 84 |
| NORTH DISTRICTS - - - | 1,040,694 | 565 | 317 | 66 | 97 | - | 6 | 2 | 6 | 6 | - | 5 | - | 5 | 19 | 36 | 96 |
| CENTRAL DISTRICTS - - - | 233,635 | 112 | 78 | 13 | 18 | - | 1 | - | 2 | - | - | 1 | - | - | 7 | 14 | 33 |
| EAST DISTRICTS - - - | 716,334 | 531 | 252 | 63 | 59 | - | 18 | - | 7 | 2 | - | 1 | - | 2 | 15 | 35 | 81 |
| SOUTH DISTRICTS - - - | 1,642,796 | 974 | 505 | 102 | 126 | - | 6 | 2 | 18 | 17 | - | 10 | - | 3 | 17 | 35 | 131 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | — | - | 24 | - | 5 | - | - | - | - | - | - | - | - | - | - | - | 24 |
| WEST DISTRICTS. | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 42 | 30 | 8 | 11 | - | - | - | 1 | - | - | - | - | - | 1 | 2 | 5 |
| St. John Paddington *H* - - G. | 33,510 | 7 | 12 | 1 | 3 | - | - | - | - | - | - | - | - | - | 1 | 2 | 5 |
| Kensington Town *Ww* - - W. | 122,164 | 56 | 49 | 5 | 18 | - | - | - | - | - | - | 1 | - | 1 | 2 | 4 | 23 |
| Brompton *HH*- - - W. & C. | 48,301 | 4 | 9 | 1 | 2 | - | - | - | 1 | - | - | - | - | - | - | 1 | 4 |
| St. Peter Hammersmith - - W. | 9,097 | 7 | 3 | 2 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| St. Paul Hammersmith *HH* W. & G. | 35,102 | 60 | 28 | 8 | 9 | - | - | - | - | - | - | - | - | - | 2 | 6 | 1 |
| Fulham *Ww* - - - W. & C. | 113,781 | 64 | 34 | 6 | 10 | - | - | 2 | 5 | - | - | - | - | 2 | - | - | 13 |
| Chelsea Kensal Town - C. | 21,450 | 10 | 4 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| Chelsea North *WHHHHH* - C. | 42,057 | 11 | 21 | 1 | 5 | - | - | - | - | 1 | - | - | - | - | - | 1 | 13 |
| Chelsea South *HH* - - C. | 33,139 | 20 | 11 | 6 | 2 | - | - | - | - | - | - | - | - | - | 2 | 2 | 3 |
| May Fair *W* - - - - G. | 23,827 | 6 | 6 | - | 2 | - | - | - | - | - | - | - | - | - | 1 | 1 | 3 |
| Belgrave *WHHH* - - - C. | 56,140 | 23 | 21 | 2 | 8 | - | - | - | - | - | - | 1 | - | - | 4 | 4 | 8 |
| St. John Westminster *HH* - C. | 31,492 | 8 | 3 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - |
| St. Margaret Westminster *H*- C. | 22,097 | 5 | 8 | - | 2 | - | - | - | - | - | - | - | - | - | 1 | 1 | 4 |
| St. James Westminster *WHH* N. & G. | 23,050 | 7 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 7 | 5 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | 2 |
| NORTH DISTRICTS. | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - - W. | 36,595 | 11 | 10 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | 6 |
| Rectory Marylebone *W* G. & W. | 19,798 | 7 | 7 | 2 | 3 | - | - | - | - | - | - | - | - | - | - | 1 | 2 |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 24 | 4 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 |
| Christchurch Marylebone *H* - W | 32,547 | 12 | 5 | - | 3 | - | - | - | - | 1 | - | - | - | - | - | - | - |
| St. John Marylebone *HHH* W. | 32,611 | 14 | 5 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Hampstead *WwHHHH* - N. & W. | 75,449 | 24 | 25 | 6 | 6 | - | - | 2 | 3 | - | - | 2 | - | - | - | - | 10 |
| Regent's Park Pancras *HH* - W. | 37,341 | 18 | 5 | 1 | 2 | - | - | - | - | 1 | - | - | - | - | - | - | - |
| Tottenham-court *wHHHH* - N. & W. | 26,757 | 12 | 14 | 2 | 3 | - | - | - | - | - | - | - | - | - | 1 | 2 | 6 |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 19 | 13 | 3 | 4 | - | 1 | - | - | - | - | - | - | - | 3 | 4 | 6 |
| Somers Town *HH* - - - N. | 32,161 | 17 | 12 | 2 | 3 | - | 1 | - | - | - | - | - | - | 1 | 1 | 4 | - |
| Camden Town *WH* - - N. | 16,669 | 5 | 9 | - | 4 | - | 2 | - | - | - | - | - | - | - | 1 | 1 | 9 |
| Kentish Town *WW* - - N. | 98,410 | 60 | 30 | 9 | 7 | - | 1 | - | - | - | - | 1 | - | 1 | 1 | 2 | 11 |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 62 | 40 | 10 | 10 | - | - | - | - | 1 | - | 1 | - | 1 | 1 | 2 | 23 |
| Islington South-west H - N. | 107,365 | 62 | 27 | 4 | 9 | - | - | - | - | 1 | - | - | - | - | - | 3 | - |
| Islington South-east - - N. | 66,549 | 30 | 21 | 2 | 7 | - | - | - | 1 | - | - | - | - | - | 1 | 1 | - |
| Highbury *HH* - - - N. | 64,577 | 34 | 7 | 2 | 3 | - | - | - | - | 1 | - | - | - | - | 1 | 1 | - |
| Stoke Newington *H* - - N. | 33,485 | 18 | 4 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| North Hackney - - E. & N. | 213,044 | 20 | 19 | 5 | 7 | - | - | - | - | - | - | - | - | 1 | - | - | - |
| Central Hackney *ww* - E. & N. | | 33 | 9 | 3 | 4 | - | - | - | 2 | - | - | - | - | - | 1 | 2 | 2 |
| South-west Hackney *HHH* E. & N. | | 42 | 20 | 4 | 5 | - | - | - | - | 1 | - | 1 | - | 1 | 1 | 3 | 6 |
| South-east Hackney *WwH* E.&N. | | 41 | 31 | 7 | 11 | - | 1 | - | - | - | - | - | - | - | 7 | 9 | 14 |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated ther namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junc Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River; E. E London; and K. the Kent Company.

See note † on first page of this Return.

BLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday, 17th December, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population. 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **CENTRAL DISTRICTS.** | | | | | | | | | | | | | | | | | | |
| George Bloomsbury - - N. | 16,110 | 1 | 3 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| Giles South *WH* - - N. | 12,976 | 10 | 7 | 2 | 3 | - | - | - | - | - | - | - | - | - | 1 | 2 | 5 | - |
| Giles North *H* - - - N. | 9,151 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Martin-in-the-Fields *HH* N. & C. | 13,077 | 4 | 3 | - | 2 | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - |
| and *WHH* - - - - N. | 11,839 | 2 | 7 | - | 1 | - | - | - | - | - | - | 1 | - | - | - | - | 4 | - |
| *and Union Workhouse, Edmonton* | †*1,037* | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| lborn *wHHHHHH* - N. | 31,042 | 13 | 9 | 2 | 2 | - | - | - | - | - | - | - | - | - | 1 | 1 | 4 | - |
| James Clerkenwell - - N. | 15,777 | 8 | 3 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| well Clerkenwell - - N. | 34,356 | 22 | 9 | 4 | - | - | 1 | - | 1 | - | - | - | - | - | - | 2 | - | - |
| swell-street - - - - N. | 16,069 | 10 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| y-road *HHHL* - - - N. | 29,897 | 27 | 8 | 2 | 2 | - | - | - | - | - | - | - | - | - | 1 | 3 | 1 | - |
| itecross-street - - - N. | 7,595 | 3 | 4 | - | 1 | - | - | - | 1 | - | - | - | - | - | - | - | - | - |
| sbury - - - - - N. | 4,035 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| *lborn Union Workhouse, Mitcham* - - - - | †*892* | - | 4 | - | 3 | - | - | - | - | - | - | - | - | - | - | - | 4 | - |
| Botolph *H* - - N. & E. | 6,870 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| pplegate - - - - N. | 3,299 | 1 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Sepulchre *WH* - - - N. | 9,591 | 1 | 12 | 1 | - | - | - | - | - | - | - | - | - | - | 3 | 4 | 11 | - |
| hallows Barking - - - N. | 9,059 | 3 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ad Street *H* - - - N. | 2,892 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| *y of London Asylum, Stone* - - | †*388* | - | 2 | - | - | - | - | - | - | - | - | - | - | - | 1 | - | 2 | - |
| **EAST DISTRICTS.** | | | | | | | | | | | | | | | | | | |
| reditch South *Hl* - E. & N. | 17,975 | 13 | 8 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - |
| kton New Town *w* - - N. | 29,575 | 21 | 10 | 3 | 7 | - | - | - | - | - | - | - | - | - | 1 | 3 | 5 | - |
| kton Old Town - - - N. | 27,645 | 26 | 12 | 3 | 3 | - | - | - | - | - | - | - | - | - | 2 | 4 | - | - |
| ggerston *WH* - - N. & E. | 47,163 | 35 | 19 | 4 | 6 | - | 2 | - | 1 | - | - | - | - | - | 1 | 3 | 8 | - |
| hnal Green North *H* - E. | 49,301 | 37 | 10 | 4 | 2 | - | 1 | - | - | - | - | 1 | - | - | 2 | 2 | 1 | - |
| hnal Green South - - E. | 34,194 | 21 | 6 | 2 | 1 | - | 2 | - | - | - | - | - | - | - | 1 | 1 | - | - |
| hnal Green East *WHl* - E. | 45,667 | 37 | 16 | 2 | 8 | - | - | - | - | - | - | - | - | - | - | 2 | 10 | - |
| alfields - - - E. & N. | 26,681 | 17 | 6 | 3 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| e End New Town *W* - E. | 12,816 | 12 | 8 | 1 | - | - | 1 | - | - | - | - | - | - | - | - | 1 | 5 | - |
| itechapel Church *H* - E. & N. | 25,561 | 15 | 29 | 3 | 2 | - | 2 | - | 4 | - | - | - | - | - | 3 | 4 | 24 | - |
| dman's Fields - - - E. | 13,618 | 9 | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - |
| George's North - - - E. | 39,576 | 42 | 13 | 6 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ohn, St. George East *W* E. | 7,930 | 8 | 2 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| dwell *H* - - - E. & N. | 10,434 | 9 | 7 | 2 | 1 | - | - | - | - | 1 | - | - | | - | 2 | 3 | 3 | - |
| liff *W* - - - - E. | 14,954 | 9 | 2 | 2 | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - |
| ehouse - - - - E. | 32,917 | 25 | 11 | 3 | 2 | - | 4 | - | - | - | - | - | - | - | - | - | - | - |
| End Old Town West *H* E. | 111,060 | 54 | 17 | 4 | 4 | - | - | - | 1 | - | - | - | - | 1 | - | 1 | - | - |
| End Old Town East *Wwv* - E. | | 33 | 24 | 4 | 8 | - | 3 | - | - | - | - | - | - | - | - | 3 | 11 | - |
| l - - - - E. | 41,687 | 22 | 11 | 5 | 2 | - | - | - | - | 1 | - | - | - | - | - | 2 | 1 | - |
| nley *wwwH* - - - E. | 69,821 | 49 | 23 | 4 | 8 | - | - | - | - | - | - | - | - | - | 1 | 2 | 10 | - |
| dar *WW* - - - - E. | 57,759 | 37 | 17 | 4 | 1 | - | 2 | - | - | - | - | - | - | - | 2 | 4 | - | - |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX MEASLE SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in ea SUB-DISTRICT during the Week ending Saturday, 17th December, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WH* L.&S. | 13,064 | 14 | 3 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | |
| St. Saviour Southwark - - S. | 12,301 | 8 | 2 | – | – | – | – | – | – | 1 | – | – | – | – | – | – | – | |
| Kent-road - - - - S. & L. | 22,879 | 16 | 4 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Borough-road *WH* - S. & L. | 16,083 | 8 | 12 | 5 | – | – | – | – | – | 2 | – | – | – | – | 1 | 1 | 5 | |
| London-road *HL* - - L. & S. | 21,316 | 16 | 5 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | 2 | – | |
| Trinity Newington - - S. & L. | 28,723 | 24 | 7 | 1 | 1 | – | – | – | – | – | – | – | – | 1 | – | 1 | – | |
| St. Peter Walworth *W* - S. & L. | 62,045 | 40 | 19 | 9 | 2 | – | 2 | – | – | 1 | – | – | – | – | 2 | 3 | – | |
| St. Mary Newington- - L. & S. | 30,171 | 18 | 13 | 3 | 1 | – | – | – | – | 2 | – | – | – | – | – | – | – | |
| St. Olave *WH* - - - - S. | 11,731 | 10 | 15 | 2 | 2 | – | – | – | 1 | – | – | 2 | – | – | 1 | 2 | 14 | |
| Bermondsey* *W* - - - S. | 85,475 | 49 | 15 | 7 | 1 | – | 1 | – | – | – | – | – | – | – | – | 1 | – | |
| Rotherhithe *WwH* - S. & K. | 40,379 | 35 | 19 | 3 | 6 | – | – | – | – | – | – | – | – | – | – | – | 11 | |
| Waterloo-road *HH* - L. & S. | 28,396 | 22 | 11 | 1 | 1 | – | – | – | – | 2 | – | 1 | – | – | – | 1 | 2 | |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 12 | 19 | 2 | 1 | – | – | – | 1 | – | – | – | – | – | 3 | 3 | 14 | |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 40 | 25 | 6 | 6 | – | 1 | – | – | – | – | – | – | 1 | 1 | 3 | 16 | |
| Kennington 1st *H* - - S. & L. | 52,486 | 51 | 15 | 6 | 3 | – | – | – | 1 | 2 | – | 1 | – | – | – | – | – | |
| Kennington 2nd - - S. & L. | 43,244 | 14 | 3 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | |
| Brixton *w* - - - L. & S. | 81,825 | 43 | 20 | 3 | 4 | – | – | – | 3 | 1 | – | 1 | – | – | – | – | 3 | |
| Norwood *WH* - - - - L. | 29,318 | 10 | 4 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | |
| East Battersea - - - - S. | 71,730 | 49 | 19 | 6 | 3 | – | – | – | 1 | – | – | – | – | – | 1 | 3 | – | |
| West Battersea *WwH* - - S. | 93,385 | 43 | 27 | 2 | 11 | – | – | – | 1 | – | – | – | – | – | – | 2 | 12 | |
| Clapham *H* - - - - S. | 46,953 | 27 | 6 | 3 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | |
| Wandsworth *WHHL* - - S. | 58,101 | 39 | 17 | 4 | 5 | – | – | – | – | 1 | – | – | – | – | – | – | – | |
| Putney - - - - - S. | 20,566 | 9 | 6 | 2 | 1 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | |
| Streatham *WwwwL* - - L. | 61,644 | 36 | 22 | 3 | 7 | – | – | – | 1 | 2 | – | 1 | – | – | – | – | 1 | |
| Dulwich - - - - L. & S. | 7,519 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Camberwell *Wwll* - S. & L. | 90,286 | 53 | 44 | 9 | 17 | – | – | – | – | 3 | – | – | – | 1 | 1 | 1 | 24 | |
| Peckham *WW* - S., L., & K. | 88,242 | 59 | 21 | 5 | 5 | – | – | – | – | – | – | – | – | – | – | – | – | |
| St. George Camberwell - L. & S. | 67,029 | 33 | 23 | 4 | 6 | – | 1 | – | 2 | – | – | – | – | – | 2 | 4 | – | |
| Deptford North - - - K. | 36,152 | 23 | 10 | – | 4 | – | – | – | – | – | – | – | – | – | 1 | 2 | – | |
| Deptford Central *w* - - K. | 45,441 | 27 | 15 | 1 | 3 | – | – | 2 | 3 | – | – | 1 | – | – | – | – | 7 | |
| Deptford South - - - K. | 33,402 | 20 | 8 | – | 2 | – | – | – | – | – | – | – | – | – | – | 1 | – | |
| Greenwich West *H* - - K. | 23,012 | 9 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Greenwich East *WH* - - K. | 37,767 | 21 | 14 | – | 6 | – | – | – | – | – | – | – | – | – | – | – | 10 | |
| Eltham *wH* - - - - - K. | 5,911 | 1 | 2 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | |
| Lee *H* - - - - - K. | 24,222 | 7 | 5 | 1 | 2 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | |
| Lewisham *WwH* - - - K. | 38,139 | 20 | 12 | 1 | – | – | 1 | – | 2 | – | – | 3 | – | – | 1 | 1 | 7 | |
| Sydenham *H* - - - - L. | 37,601 | 10 | 3 | – | 1 | – | – | – | 1 | – | – | – | – | – | – | – | 1 | |
| Charlton *wHH* - - K. | 15,928 | 6 | 10 | 2 | 5 | – | – | – | 1 | – | – | – | – | – | 1 | 1 | 2 | |
| Woolwich Dockyard - - K. | 19,355 | 13 | 5 | 3 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 12 | 4 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | |
| Plumstead West *H* - - K. | 16,714 | 6 | 8 | 3 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | |
| Plumstead East *WH* - - K. | 42,538 | 21 | 11 | 2 | 4 | – | – | – | – | – | – | – | – | – | – | 1 | 2 | |
| Banstead Asylum - - - - | — | – | 6 | – | – | – | – | – | – | – | – | – | – | – | – | – | 6 | |
| Caterham Asylum - - - - | — | – | 5 | – | 3 | – | – | – | – | – | – | – | – | – | – | – | 5 | |
| Cane Hill Asylum - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Hospital Ships and Camp, Dartford | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Darenth Asylum - - - - | — | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | 2 | |
| London County Asylum, Dartford Heath - - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Hanwell Asylum - - - - | — | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 | |
| Colney Hatch Asylum - - - | — | – | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | 2 | |
| N.E. Hospital - - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Winchmore Hill Hospital - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| Leavesden Asylum - - - - | — | – | 4 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 4 | |
| Claybury Asylum - - - - | — | – | 4 | – | – | – | – | – | – | – | – | – | – | – | – | – | 4 | |

* The two Sub-Districts of Leather Market and St. James Bermondsey were united on 1st September, and called Bermondsey.

6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, OSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ding Saturday, 17th December, 1898.

| REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years & upwds. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DON—OUTER RING | 368,749 | 1,422,063 | 994 | 443 | 112 | 124 | - | 2 | - | 21 | 10 | 9 | 6 | 12 | 32 | 64 | 8 |
| Carshalton *wHH* | 12,228 | 26,108 | 13 | 8 | - | 1 | - | - | - | - | - | - | - | - | 2 | - | - |
| Epsom, *part of** *WwHH* | 10,423 | 12,508 | 10 | 2 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| Godstone, *part of** *W* | 2,754 | 1,598 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Croydon *WwHHH* | 20,851 | 128,699 | 94 | 36 | 7 | 14 | - | - | - | - | 1 | 2 | 1 | 1 | 2 | 15 | - |
| Mitcham *w* | 11,697 | 23,072 | 13 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Wimbledon *HHH* | 3,220 | 25,777 | 18 | 5 | 2 | 1 | - | - | - | - | - | - | - | - | - | 1 | 1 |
| Kingston *W* | 14,672 | 33,566 | 23 | 20 | 5 | 7 | - | - | - | - | 1 | - | - | - | - | 8 | - |
| Surbiton *H* | | 12,178 | 7 | 2 | - | 1 | - | - | - | - | - | - | - | - | 1 | - | - |
| Esher, *part of** *HH* | | 11,080 | 5 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| Hampton *HL* | 4,565 | 18,252 | 8 | 2 | - | 2 | - | - | - | - | - | - | - | - | - | - | - |
| Richmond *WH* | 2,160 | 25,389 | 15 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | - |
| Mortlake *H* | 2,823 | 16,159 | 5 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| Bromley *HHH* | 9,127 | 23,815 | 9 | 4 | - | 3 | - | - | - | - | - | - | - | - | - | - | - |
| Beckenham *H* | 6,542 | 21,969 | 10 | 2 | - | - | - | - | - | 1 | - | - | - | - | - | 1 | - |
| Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 13 | 8 | - | 4 | - | - | - | - | - | - | - | - | - | 1 | 1 |
| Bexley *HHH* | 12,540 | 30,590 | 29 | 14 | 5 | 4 | - | - | - | 1 | 1 | - | - | - | 1 | 1 | 1 |
| Dartford *WH*, *part of** | — | — | - | 2 | - | - | - | - | - | 2 | - | - | - | - | - | 2 | - |
| Sunbury *w* | 11,054 | 13,671 | 9 | 4 | 3 | 1 | - | - | - | - | - | - | 1 | 1 | 1 | - | - |
| Staines *WH* | 13,277 | 13,221 | 7 | 2 | 1 | 1 | - | - | - | - | - | - | - | - | - | 1 | - |
| Hillingdon *WHH* | 6,035 | 12,237 | 5 | 4 | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| Uxbridge | 12,757 | 7,253 | 10 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Hayes *wH* | 7,952 | 11,051 | 5 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Isleworth *WHH* | 6,967 | 26,004 | 12 | 7 | 1 | 4 | - | - | - | - | - | - | 1 | - | - | 2 | - |
| Twickenham *HH* | 2,415 | 16,027 | 8 | 7 | 3 | 2 | - | - | - | - | - | - | - | - | - | - | 1 |
| Brentford *HHHH* | 4,318 | 37,777 | 16 | 4 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| Chiswick | 1,245 | 21,963 | 11 | 10 | - | 5 | - | - | - | - | - | - | - | - | - | - | - |
| Acton *wHH* | 6,132 | 30,945 | 21 | 6 | 1 | 1 | - | - | - | 1 | - | - | - | - | - | - | 1 |
| Harrow *HHH* | 13,809 | 15,715 | 7 | 4 | 1 | 1 | - | 1 | - | - | - | - | - | - | 1 | - | - |
| Edgware *HH* | 6,994 | 3,844 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Willesden *HHH* | 4,383 | 61,265 | 73 | 13 | 3 | 1 | - | - | - | 1 | 1 | 2 | - | - | - | 2 | 1 |
| Hendon *WH* | 8,382 | 15,843 | 10 | 4 | 1 | 2 | - | - | - | - | - | - | - | - | 1 | - | - |
| South Mimms *HH* | 21,077 | 6,367 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Barnet *WHH* | | 14,152 | 8 | 5 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| Finchley *HHH* | 4,688 | 25,820 | 15 | 5 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| Hornsey *HH* | 3,039 | 61,097 | 34 | 15 | 4 | 4 | - | - | - | - | - | 1 | - | 1 | 2 | - | - |
| Tottenham *HH* | 4,642 | 97,174 | 60 | 35 | 12 | 11 | - | - | - | 3 | 1 | - | - | 3 | 6 | - | - |
| Edmonton *Www* | 7,489 | 36,351 | 20 | 15 | 4 | 4 | - | - | - | - | - | - | - | - | 1 | 5 | - |
| Enfield *WWHH* | 12,602 | 31,536 | 12 | 8 | 2 | 4 | - | - | - | 1 | - | - | - | 1 | 1 | 1 | - |
| Waltham Abbey | 11,017 | 6,066 | 5 | 5 | 1 | 1 | - | - | - | 1 | - | - | - | - | - | - | - |
| Cheshunt *H* | 8,480 | 9,620 | 2 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| Hatfield, *part of** *W* | 3,306 | 582 | - | 1 | - | 1 | - | - | - | - | - | - | 1 | - | - | 1 | - |
| Bushey *H* | 9,331 | 7,737 | 4 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| Watford *WH*, *part of** | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Stratford *H* | 4,706 | 38,612 | 26 | 17 | 4 | 3 | - | - | - | 1 | - | 2 | - | - | 1 | - | - |
| Plaistow *WHHH* | | 58,030 | 67 | 27 | 10 | 2 | - | - | - | 4 | 2 | - | - | 1 | 1 | 6 | - |
| Canning Town *H* | | 54,750 | 45 | 22 | 8 | 3 | - | - | - | 2 | - | - | 1 | 2 | 4 | 1 | 1 |
| Forest Gate *w* | | 53,511 | 31 | 19 | 3 | 5 | - | - | - | - | - | - | - | - | - | - | - |
| East Ham *wH* | 3,266 | 32,713 | 40 | 13 | 7 | 1 | - | - | - | 1 | - | - | - | - | 1 | - | - |
| Leyton *WWWwH* | 4,334 | 70,188 | 63 | 37 | 8 | 15 | - | 1 | - | 1 | 2 | 1 | - | 2 | 3 | 10 | 1 |
| Walthamstow *HHL* | 6,501 | 57,330 | 59 | 15 | 6 | 2 | - | - | - | - | 1 | - | - | - | 1 | - | - |
| Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 4 | 4 | 3 | 1 | - | - | - | - | - | - | - | - | 2 | - | - |
| Epping *WH*, *part of** | — | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Romford, *part of** *WH* | 6,556 | 4,324 | 4 | 3 | 2 | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Ilford | 8,493 | 10,913 | 12 | 3 | - | 1 | - | - | - | - | - | 1 | - | - | - | - | - |
| Barking Town, *H* | 3,814 | 14,301 | 11 | 2 | - | 1 | - | - | - | - | - | - | 1 | - | - | - | - |
| Middlesex Co. Lunatic Asy., Wandsworth. | — | — | - | 3 | - | 1 | - | - | - | - | - | - | - | - | - | 3 | - |
| South-Eastern Fever Hosp., Deptford. | — | — | - | 1 | - | - | - | - | - | 1 | - | - | - | - | - | 1 | - |

arts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring llows:—30: 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37: 1, the parishes of Warlingham rt of Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst ct, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in ub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping 0); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for s Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford; and 187: 2, Epping sub-districts

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 17th December, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | ANNUAL RATE of MORTALITY per 1000 living. From All Causes. | From Diseases in Cols. 8-14. | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. |
| GREATER LONDON | **443,421** | **6,408,321** | **15·2** | **1·5** | **1866** | **398** | **506** | – | **33** | **6** | **61** | **36** | **28** | **19** | **84** |
| INNER LONDON | 74,672 | 4,504,766 | 16·5 | 1·6 | 1423 | 286 | 382 | – | 31 | 6 | 40 | 26 | 19 | 13 | 72 |
| OUTER RING | 368,749 | 1,903,555 | 12·1 | 1·3 | 443 | 112 | 124 | – | 2 | – | 21 | 10 | 9 | 6 | 12 |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·345 square miles, which is equivalent the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

| CITIES. | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of Stillborn | DEATHS. Exclusive of Stillborn | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM PRINCIPAL ZYMOTIC DISEASES. Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH | 295,628 | December 17 | 157 | 116 | 20·5 | – | 1 | 2 | 2 | 1 | 1 |
| GLASGOW | 724,349 | „ 17 | 392 | 266 | 19·1 | – | 5 | 5 | 2 | 9 | 6 |
| DUBLIN | 349,594 | „ 17 | 181 | 169 | 25·2 | – | – | 1 | 3 | 5 | 6 |
| CALCUTTA | 466,460 | November 5 | – | 226 | 25·2 | – | – | – | – | 1 | 76 |
| BOMBAY | 821,764 | „ 29 | 227 | 582 | 36·8 | 1 | 4 | ? | ? | ? | 123† |
| MADRAS | 452,518 | „ 18 | 448 | 426 | 48·9 | – | 2 | 4 | ? | ? | 33† |
| PARIS | 2,511,629 | December 10 | 1113 | 863 | 17·8 | – | – | 1 | 7* | 3 | 5 |
| BRUSSELS | 551,011 | „ 10 | 258 | 181 | 17·1 | – | 5 | – | – | 1 | 1 |
| AMSTERDAM | 508,266 | „ 3 | 290 | 210 | 21·4 | – | 9 | – | 1 | 4 | – |
| ROTTERDAM | 303,878 | „ 3 | 203 | 103 | 17·4 | – | – | – | 2 | 6 | 1 |
| THE HAGUE | 196,325 | „ 3 | 104 | 72 | 19·1 | – | 3 | 1 | – | 2 | – |
| COPENHAGEN | 345,000 | „ 10 | 213 | 123 | 18·6 | – | 3 | – | 1 | 1 | 1 |
| STOCKHOLM | 283,550 | „ 3 | 146 | 75 | 13·7 | – | 2 | – | 4* | 1 | – |
| CHRISTIANIA | 203,337 | „ 10 | 128 | 78 | 20·0 | – | – | 1 | – | – | – |
| ST. PETERSBURG | 1,132,677 | „ 3 | 605 | 523 | 24·1 | – | 5 | 9 | 13 | 9 | 14 |
| MOSCOW | 988,610 | „ 3 | – | 518 | 27·3 | 11 | 4 | 6 | 11 | 2 | 6 |
| BERLIN | 1,773,003 | November 26 | 897 | 548 | 15·9 | 1 | 3 | 9 | 27 | 12 | 1 |
| HAMBURG | 661,015 | December 10 | – | 202 | 15·9 | – | – | – | 1* | 8 | – |
| DRESDEN | 385,300 | November 19 | – | 119 | 16·0 | – | 1 | – | – | 2 | – |
| BRESLAU | 392,795 | December 10 | – | 197 | 26·1 | – | 1 | 2 | 2 | 4 | – |
| MUNICH | 430,000 | „ 10 | – | 227 | 27·5 | – | – | – | 6* | 2 | 2 |
| VIENNA | 1,590,295 | „ 10 | 1033 | 554 | 17·9 | – | 14 | 6 | 11* | 3 | 5 |
| PRAGUE | 382,029 | „ 3 | 204 | 174 | 23·8 | – | 3 | 3 | 1 | – | 3 |
| BUDA-PESTH | 648,104 | „ 3 | 432 | 296 | 23·8 | – | 17 | 4 | 5 | – | 7 |
| TRIESTE | 165,177 | November 19 | 62 | 66 | 21·0 | – | – | 3 | – | – | – |
| ROME | 493,861 | „ 19 | 169 | 155 | 16·2 | – | – | – | – | – | 11§ |
| TURIN (10 days) | 344,203 | „ 20 | – | – | – | – | – | – | – | – | – |
| VENICE | 169,545 | „ 26 | 65 | 70 | 21·5 | – | 1 | – | 3* | – | 5 |
| CAIRO | 570,062 | August 19 | – | – | – | – | – | – | – | – | – |
| ALEXANDRIA | 319,766 | „ 19 | – | – | – | – | – | – | – | – | – |
| NEW YORK (including BROOKLYN) | 3,438,899 | November 26 | 1546 | 1084 | 16·5 | 1 | 4 | 5 | 22 | 8 | 28 |
| PHILADELPHIA | 1,240,266 | „ 26 | – | 449 | 18·9 | – | – | – | 36 | 2 | 10 |

* Including deaths from croup.
† Including 43 deaths from plague in Bombay and 2 in Madras.
‡ Including 9 deaths from cholera.
§ Including 6 deaths from malarial fever.

| 1898. Month and Day | Phases of the Moon. | Mean daily reading (corrected and reduced to 32° Fahrenheit). | Of the Air. High-est. | Of the Air. Low-est | Of the Air. Daily Range. | Of the Air. Mean daily value. | Of the Air. De-parture from Average of 50 years. | Of the Dew point. Mean daily value. | the Air Temperature and Dew Point Temperature. Mean daily value. | the Air Temperature and Dew Point Temperature. Great-est. | the Air Temperature and Dew Point Temperature. Least. | Degree of Humidity (Saturation equals 100). | Of Radiation. Highest in Sun's Rays. | Of Radiation. Lowest on the Grass. | Of the Earth 3 feet below the Surface. | Osler's. General Direction. A.M. | Osler's. General Direction. P.M. | Osler's. Pressure on the Square Foot. Great-est. | Osler's. Pressure on the Square Foot. Least. | Osler's. Pressure on the Square Foot. Mean of 24 hourly obs. | Robinson's. Horizontal Movement of the Air on each Day. | Robinson's. Depar-ture from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DECEMBER. | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| SUNDAY - 11 | .. | 30·333 | 54·6 | 50·4 | 4·2 | 52·7 | +12·9 | 48·1 | 4·6 | 7·2 | 2·2 | 84 | 60·6 | 45·0 | 49·02 | WSW. & SW. | WSW. & SW. | 2·6 | 0·0 | 0·2 | 329 | + 22 | 0·00 | 0·2 |
| MONDAY - 12 | .. | 30·074 | 54·0 | 49·8 | 4·2 | 52·5 | +12·6 | 47·5 | 5·0 | 7·2 | 2·8 | 83 | 60·8 | 48·1 | 49·18 | SW. & SSW. | SW. & WSW. | 7·8 | 0·0 | 0·8 | 461 | +154 | 0·00 | 0·8 |
| TUESDAY - 13 | Greatest Dec. S. | 30·224 | 50·7 | 37·2 | 13·5 | 43·4 | + 3·3 | 39·2 | 4·2 | 5·3 | 2·2 | 85 | 60·4 | 30·0 | 49·40 | NNW., N. & NNE. | NE., N. & SW. | 0·1 | 0·0 | 0·0 | 129 | −179 | 0·00 | 0·0 |
| WEDNESDAY 14 | New. Perigee | 29·968 | 50·8 | 36·4 | 14·4 | 45·4 | + 5·2 | 41·1 | 4·3 | 6·4 | 2·7 | 85 | 67·0 | 28·8 | 49·43 | SW. | SW., WSW. & W. | 6·2 | 0·0 | 0·7 | 430 | +122 | 0·00 | 0·0 |
| THURSDAY- 15 | .. | 30·045 | 49·0 | 41·5 | 7·5 | 45·2 | + 4·9 | 37·6 | 7·6 | 9·0 | 3·6 | 75 | 53·3 | 33·4 | 49·13 | WNW. & & W. | NNW. & NW. | 3·4 | 0·0 | 0·3 | 360 | + 51 | 0·00 | 0·0 |
| FRIDAY - 16 | .. | 30·072 | 52·0 | 37·0 | 15·0 | 45·9 | + 5·7 | 43·5 | 2·4 | 4·2 | 0·8 | 92 | 56·3 | 30·0 | 48·92 | SW. & WSW. | WSW. | 3·7 | 0·0 | 0·3 | 332 | + 23 | 0·00 | 0·0 |
| SATURDAY - 17 | .. | 30·093 | 52·4 | 49·0 | 3·4 | 50·8 | +10·8 | 49·4 | 1·4 | 2·2 | 0·0 | 95 | 56·0 | 48·8 | 48·65 | WSW. & SW. | SW. | 1·6 | 0·0 | 0·1 | 298 | − 12 | 0·00 | 0·0 |
| MEANS - | | 30·116 | 51·9 | 43·0 | 8·9 | 48·0 | + 7·9 | 43·8 | 4·2 | 5·9 | 2·0 | 86 | 59·2 | 37·7 | 49·10 | SW. | | .. | .. | .. | Sum 2339 | Sum +181 | Sum 0·00 | 0·1 |
| No. of Column - | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| DATE. DECEMBER. | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | GENERAL REMARKS. |
|---|---|---|---|---|
| SUNDAY - 11 | w. P. throughout - | 0·0 | 7·9 | Generally overcast. A little fine rain during the evening. A very mild day. |
| MONDAY - 12 | w. P. throughout - | 0·0 | 7·8 | Generally overcast. Brisk wind between 7h. A.M. and 4h. P.M. Very mild. |
| TUESDAY - 13 | w. P. throughout - | 0·4 | 7·8 | Cloudy till evening; fine afterwards. |
| WEDNESDAY 14 | w. P. throughout - | 0·2 | 7·8 | Cloudy till 7h. P.M.; fine afterwards. Cloudless after 8h. 30m. P.M. |
| THURSDAY- 15 | w. P. throughout - | 0·2 | 7·8 | Fine. Slight fog in early morning. |
| FRIDAY - 16 | w. P. throughout - | 0·0 | 7·8 | Overcast throughout. |
| SATURDAY - 17 | w. P. throughout - | 0·0 | 7·8 | Generally overcast. A slight shower at 0h. 15m. P.M. Very mild. |
| | | Sum 0·8 | Sum 54·7 | |
| No. of Col. - | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer increased from 30·27 in. at the beginning of the week to 30·34 in. by 10h. A.M. on the 11th; decreased to 30·01 in. by 8h. P.M. on the 12h; increased to 30·26 in. by 8h. P.M. on the 13th: decreased to 29·84 in. by 11h. P.M. on the 14th; increased to 30·15 in. by 3h. A.M. on the 16th and decreased to 30·02 in. by 4h. P.M. on the 16th; increased to 30·13 in. by 10h. A.M. on the 17th; and decreased to 30·06 in. by the end of the week.

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1898.

OFFICIAL COPY.

# WEEKLY RETURN

OF

# BIRTHS AND DEATHS IN LONDON

AND IN

# THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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No. 51. 1898. VOL. LIX.] WEEK ENDING SATURDAY, DEC. 24. [Price 1½*d*.

*General Register Office, Somerset House,*
*December 27th*, 1898.

## THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 17·8 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS. | Weeks ending Dec. 3. | Dec. 10. | Dec. 17. | Dec. 24. | TOWNS. | Weeks ending Dec. 3. | Dec. 10. | Dec. 17. | Dec. 24. |
|---|---|---|---|---|---|---|---|---|---|
| 33 Great Towns | 19·1 | 17·8 | 16·6 | 17·8 | Leicester - - | 21·5 | 15·7 | 14·0 | 12·5 |
| Birkenhead - | 18·9 | 20·3 | 15·2 | 14·3 | Liverpool - - | 21·3 | 22·0 | 19·9 | 22·1 |
| Birmingham - | 21·3 | 18·9 | 15·7 | 19·0 | London - - - | 18·2 | 16·7 | 16·5 | 17·0 |
| Blackburn - | 22·3 | 20·4 | 18·4 | 17·6 | Manchester - - | 21·7 | 20·1 | 20·9 | 23·0 |
| Bolton - - | 21·7 | 27·2 | 15·3 | 21·3 | Newcastle-on-Tyne | 24·8 | 18·7 | 14·3 | 18·9 |
| Bradford - | 18·7 | 16·1 | 14·9 | 16·3 | Norwich - - | 16·3 | 14·9 | 15·9 | 15·4 |
| Brighton - | 20·5 | 20·0 | 14·1 | 18·8 | Nottingham - - | 18·1 | 19·2 | 21·9 | 20·8 |
| Bristol - | 18·1 | 20·1 | 15·3 | 17·8 | Oldham - - | 17·2 | 15·8 | 14·4 | 20·4 |
| Burnley - | 12·4 | 20·9 | 12·4 | 13·8 | Plymouth - - | 18·4 | 17·9 | 17·9 | 18·4 |
| Cardiff - - | 15·3 | 16·4 | 14·7 | 10·6 | Portsmouth - - | 19·3 | 20·7 | 16·8 | 14·2 |
| Croydon - | 17·2 | 12·6 | 11·7 | 13·8 | Preston - - | 20·6 | 21·1 | 17·9 | 21·1 |
| Derby - - | 23·4 | 12·4 | 10·9 | 13·4 | Salford - - - | 24·2 | 18·4 | 15·5 | 25·4 |
| Gateshead - | 17·1 | 15·6 | 14·6 | 15·6 | Sheffield - - | 18·1 | 16·8 | 18·4 | 18·4 |
| Halifax - | 13·5 | 17·8 | 13·5 | 19·4 | Sunderland - - | 15·9 | 23·2 | 21·7 | 17·0 |
| Huddersfield - | 21·9 | 13·2 | 15·8 | 14·8 | Swansea - - | 20·4 | 23·0 | 21·5 | 30·2 |
| Hull - - | 16·1 | 15·4 | 12·0 | 15·0 | West Ham - - | 21·1 | 13·6 | 16·4 | 14·7 |
| Leeds - - | 17·4 | 18·8 | 16·8 | 17·8 | Wolverhampton - | 27·8 | 16·0 | 15·4 | 12·4 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·0 in Gateshead, 1·5 in Manchester and in Salford, 2·6 in Bolton, and 2·9 in Nottingham; from *whooping-cough*, 1·1 in Halifax and 1·3 in Preston; from "*fever*," 1·0 in Salford, 1·3 in Brighton and in Bolton, and 1·4 in Norwich; and from *diarrhœa*, 1·1 in Plymouth. In none of the thirty-three towns did the death-rate from *scarlet fever* reach 1·0 per 1000. The 115 deaths from *diphtheria* included 46 in London, 17 in Leeds, 10 in Swansea, 7 in Sheffield, 6 in West Ham, 6 in Liverpool, 4 in Brighton, and 3 in Cardiff. No death from *small-pox* was registered in any of the thirty-three towns.

## LONDON.

In LONDON† 2422 BIRTHS and 1470 DEATHS were registered. Allowing for increase of population, the births were 37, and the deaths 356, below the average numbers in the corresponding weeks of the last ten

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong

years. The annual death-rate per 1000 from all causes, which had been 18·2, 16·7, and 16·5 in the preceding three weeks, rose again last week to 17·0. During the four weeks ending on Saturday last the death-rate averaged 17·1 per 1000, being 3·3 per 1000 below the mean rate in the corresponding periods of the ten years 1888–97.

The 1470 deaths included 24 from measles, 14 from scarlet fever, 46 from diphtheria, 21 from whooping-cough, 21 from enteric fever, 19 from diarrhœa and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 145 deaths were referred to these diseases, being 82 below the corrected average weekly number.

The deaths from *measles*, which had been 25, 22, and 31 in the preceding three weeks, fell again last week to 24, and were 57 below the corrected average. The deaths from *scarlet fever*, which had been 9, 11, and 6 in the preceding three weeks, rose again last week to 14, but were 7 below the corrected average; 3 cases belonged to Hammersmith and 3 to Hackney sanitary areas. The deaths from *diphtheria*, which had been 43, 43, and 40 in the preceding three weeks, rose again last week to 46, but were 2 below the corrected average; 6 cases belonged to Battersea, 5 to Lambeth, 5 to St. Pancras, 4 to Newington, and 3 to Greenwich sanitary areas. The deaths from *whooping-cough*, which had been 28, 22, and 26 in the preceding three weeks, fell again last week to 21, and were 28 below the corrected average; 4 cases belonged to Islington sanitary area. The fatal cases of *enteric fever*, which had been 21, 26, and 19 in the preceding three weeks, rose again last week to 21, and were 6 above the corrected average; 3 cases belonged to Fulham, 2 to St. Marylebone, 2 to Islington, 2 to St. George Southwark, and 2 to Lewisham sanitary areas. The deaths from *diarrhœa*, which had been 17, 19, and 13 in the preceding three weeks, rose again last week to 19, and were 5 above the corrected average. The deaths referred to diseases of the respiratory organs, which had been 340, 295, and 283 in the preceding three weeks, were 284 last week, being 195 below the corrected average. The deaths attributed directly to *influenza* numbered 12, having been 14, 12, and 13 in the preceding three weeks.

Different forms of violence caused 73 deaths, concerning all but 3 of which inquests were held. Of these 73 deaths, 9 were cases of suicide, and 2 of homicide, while the remaining 62 were attributed to accident or negligence. Eight of these were referred to vehicles in the streets, 6 to burns and scalds, 1 to the effects of chloroform administered for surgical purposes, and 16 (including 15 of infants under one year of age), to suffocation in bed.

### Cases of Infectious Sickness in Hospitals*.

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2901 cases of scarlet fever, 1261 of diphtheria, and 266 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 221 cases, against 264, 276, and 260; of diphtheria, 171 cases, against 168, 206, and 155; and of enteric fever, 40 cases, against 47, 29, and 43.

### Greater London.

In Greater London 3371 births and 1926 deaths were registered, corresponding to annual rates of 27·4 and 15·7 per 1000 of the estimated population. In the Outer Ring 1 death from small-pox, 3 deaths from measles, 2 from scarlet fever, 22 from diphtheria, 4 from whooping-cough, 10 from "fever," and 5 from diarrhœa were registered. Twelve deaths from diphtheria and 6 from "fever" occurred in West Ham district. The death from small-pox was that of an infant 4 months old, the child of a person employed at a travelling circus.

### Meteorology.

The mean reading of the Barometer last week at Greenwich was 30·18 inches, and that of the Thermometer 40·1°; the latter being 1·2° above the week's average in the 50 years 1841–90. The direction of the wind was variable, the horizontal movement of the air being 17 per cent. below the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 12·9 hours; the measured rainfall amounted to 0·02 of an inch.

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* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Registered during the Week ending 24th December 1898. Births. | Registered during the Week ending 24th December 1898. Deaths. | Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Iolence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Per 1000, corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6–12. | Temperature of the Air. Highest. Fahrenheit. | Temperature of the Air. Lowest. Fahrenheit. | Temperature of the Air. Mean. Fahrenheit. | Temperature of the Air. Mean. Centigrade. | Rainfall. In Inches. | Rainfall. In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| **33 Towns** | **11,218,378** | **6169** | **3830** | **848** | **955** | **–** | **104** | **32** | **115** | **53** | **70** | **50** | **161** | **312** | **872** | **52** | **17·8** | **2·0** | **56·0** | **22·5** | **40·6** | **4·78** | **0·16** | **0·41** | **33 Towns.** |
| London | 4,504,766 | 2422 | 1470 | 292 | 384 | – | 24 | 14 | 46 | 21 | 21 | 19 | 73 | 153 | 470 | 8 | 17·0 | 1·7 | 55·2 | 28·6 | 40·1 | 4·50 | 0·02 | 0·05 | London. |
| West Ham | 286,654 | 185 | 81 | 19 | 20 | – | 1 | – | 6 | – | 5 | 2 | 3 | 6 | 11 | 4 | 14·7 | 2·5 | – | – | – | – | – | – | West Ham. |
| Croydon | 124,421 | 59 | 33 | 6 | 12 | – | – | 1 | – | – | – | – | 1 | 4 | 4 | – | 13·8 | 0·4 | 55·5 | 22·5 | 38·4 | 3·56 | 0·00 | 0·00 | Croydon. |
| Brighton | 122,310 | 45 | 44 | 9 | 15 | – | – | – | 4 | – | 3 | – | – | 1 | 11 | – | 18·8 | 3·0 | 54·0 | 33·0 | 43·2 | 6·22 | 0·08 | 0·20 | Brighton. |
| Portsmouth | 186,618 | 115 | 51 | 11 | 13 | – | 3 | 1 | 2 | – | 1 | – | 1 | 3 | 7 | 2 | 14·2 | 2·0 | – | – | – | – | – | – | Portsmouth. |
| Plymouth | 99,136 | 54 | 35 | 9 | 14 | – | 1 | – | – | – | – | 2 | 1 | 2 | 2 | 1 | 18·4 | 1·6 | – | – | – | – | – | – | Plymouth. |
| Bristol | 316,900 | 193 | 108 | 33 | 34 | – | – | – | – | 5 | 3 | 1 | 6 | 8 | 25 | – | 17·8 | 1·5 | 53·1 | 25·2 | 40·1 | 4·50 | 0·34 | 0·86 | Bristol. |
| Cardiff | 177,770 | 104 | 36 | 12 | 3 | – | – | – | 3 | 1 | – | – | 1 | 3 | 5 | – | 10·6 | 1·2 | – | – | – | – | – | – | Cardiff. |
| Swansea | 102,001 | 62 | 59 | 16 | 5 | – | 3 | – | 10 | 2 | – | – | 2 | 3 | 3 | – | 30·2 | 7·7 | – | – | – | – | – | – | Swansea. |
| Wolverhampton | 88,051 | 62 | 21 | 8 | 5 | – | – | – | 1 | – | – | 1 | – | 1 | 1 | 1 | 12·4 | 1·2 | 55·4 | 27·9 | 41·2 | 5·11 | 0·23 | 0·58 | Wolverhampton. |
| Birmingham | 510,343 | 288 | 186 | 58 | 37 | – | 3 | 2 | 2 | 1 | 1 | 6 | 8 | 12 | 42 | 4 | 19·0 | 1·5 | – | – | – | – | – | – | Birmingham. |
| Norwich | 111,699 | 36 | 33 | 7 | 9 | – | – | 1 | 1 | – | 3 | – | 1 | 2 | 2 | 1 | 15·4 | 2·3 | 56·0 | 27·4 | 38·9 | 3·83 | 0·48 | 1·22 | Norwich. |
| Leicester | 208,662 | 98 | 50 | 16 | 15 | – | – | 1 | – | – | 1 | – | 1 | 3 | 10 | 1 | 12·5 | 0·5 | – | – | – | – | – | – | Leicester. |
| Nottingham | 236,137 | 133 | 94 | 25 | 22 | – | 13 | 1 | 1 | 3 | – | 2 | 3 | 5 | 11 | 1 | 20·8 | 4·4 | 54·9 | 29·6 | 41·0 | 5·00 | 0·20 | 0·51 | Nottingham. |
| Derby | 104,834 | 61 | 27 | 7 | 6 | – | – | – | 1 | – | – | – | 3 | 5 | 4 | – | 13·4 | 0·5 | – | – | – | – | – | – | Derby. |
| Birkenhead | 113,189 | 52 | 31 | 13 | 3 | – | – | 1 | 2 | – | 1 | – | – | 1 | 5 | – | 14·3 | 1·8 | – | – | – | – | – | – | Birkenhead. |
| Liverpool | 633,645 | 377 | 268 | 45 | 65 | – | 11 | 3 | 6 | 1 | 4 | 4 | 9 | 13 | 71 | 9 | 22·1 | 2·4 | – | – | – | – | – | – | Liverpool. |
| Bolton† | 122,495 | 77 | 50 | 11 | 13 | – | 6 | 2 | 1 | – | 3 | – | 3 | 4 | 7 | 1 | 21·3 | 5·1 | – | – | – | – | – | – | Bolton.† |
| Manchester | 539,079 | 294 | 238 | 51 | 50 | – | 16 | – | 1 | 7 | 2 | 4 | 18 | 30 | 46 | 2 | 23·0 | 2·9 | – | – | – | – | – | – | Manchester. |
| Salford | 215,702 | 139 | 105 | 25 | 22 | – | 6 | – | 1 | 2 | 4 | 1 | 1 | 5 | 22 | 3 | 25·4 | 3·4 | – | – | – | – | – | – | Salford. |
| Oldham | 148,288 | 74 | 58 | 16 | 11 | – | 1 | 1 | 1 | 2 | – | 1 | 2 | 3 | 5 | – | 20·4 | 2·1 | – | – | – | – | – | – | Oldham. |
| Burnley | 109,546 | 51 | 29 | 7 | 4 | – | – | – | – | – | – | 1 | 2 | 3 | 4 | – | 13·8 | 0·5 | – | – | – | – | – | – | Burnley. |
| Blackburn | 133,228 | 62 | 45 | 5 | 17 | – | – | – | 1 | – | 2 | – | 1 | 3 | 6 | – | 17·6 | 1·2 | – | – | – | – | – | – | Blackburn. |
| Preston | 116,356 | 56 | 47 | 12 | 10 | – | – | – | – | 3 | 2 | – | 2 | 2 | 6 | 2 | 21·1 | 2·2 | – | – | – | – | – | – | Preston. |
| Huddersfield | 102,454 | 30 | 29 | 6 | 12 | – | 1 | – | – | – | – | 1 | 1 | 1 | 1 | 2 | 14·8 | 1·0 | 50·8 | 32·0 | 41·0 | 5·00 | 0·04 | 0·10 | Huddersfield. |
| Halifax | 96,729 | 49 | 36 | 4 | 18 | – | – | – | – | 2 | – | 1 | – | 2 | 3 | 2 | 19·4 | 1·6 | – | – | – | – | – | – | Halifax. |
| Bradford | 233,737 | 98 | 73 | 11 | 22 | – | 2 | – | – | 1 | 1 | 1 | 2 | 3 | 8 | 1 | 16·3 | 1·1 | 54·4 | 32·0 | 42·6 | 5·89 | 0·03 | 0·08 | Bradford. |
| Leeds | 416,618 | 257 | 142 | 27 | 35 | – | 6 | 2 | 17 | – | 1 | 2 | 5 | 11 | 19 | – | 17·8 | 3·5 | – | – | – | – | – | – | Leeds. |
| Sheffield | 356,478 | 225 | 126 | 31 | 29 | – | 1 | – | 7 | – | 5 | – | 4 | 7 | 22 | 4 | 18·4 | 1·9 | – | – | – | – | – | – | Sheffield. |
| Hull | 229,887 | 138 | 66 | 13 | 18 | – | – | – | – | 2 | 1 | 1 | 3 | 4 | 15 | – | 15·0 | 0·9 | 55·0 | 29·0 | 39·1 | 3·94 | 0·15 | 0·38 | Hull. |
| Sunderland | 143,849 | 75 | 47 | 10 | 13 | – | – | – | – | – | 2 | – | – | 2 | 5 | 2 | 17·0 | 0·7 | – | – | – | – | – | – | Sunderland. |
| Gateshead | 103,775 | 63 | 31 | 14 | 1 | – | 2 | 1 | 1 | – | – | – | – | – | – | – | 15·6 | 2·0 | – | – | – | – | – | – | Gateshead. |
| Newcastle | 223,021 | 135 | 81 | 19 | 18 | – | 4 | 1 | – | – | 4 | – | 4 | 7 | 19 | 1 | 18·9 | 2·1 | – | – | – | – | – | – | Newcastle. |

* See note * on first page of this return.

† The recent extension of the Borough of Bolton will not be taken into account in the Weekly Returns until 1899

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the FIFTY-FIRST Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2655 | 2513 | 2202 | 1462 | 2423 | 2378 | 2703 | 2401 | 2522 | 2106 | 2458·6 | 2422 |
| Males - - | 1368 | 1267 | 1142 | 750 | 1221 | 1217 | 1395 | 1213 | 1285 | 1059 | 1253·9 | 1232 |
| Females - | 1287 | 1246 | 1060 | 712 | 1202 | 1161 | 1308 | 1188 | 1237 | 1047 | 1204·7 | 1190 |
| TOTAL **Deaths** - | 1802 | 1816 | 2206 | 1771 | 1606 | 2170 | 1448 | 1521 | 1459 | 1555 | 1826·2 | 1470 |
| Males - - | 887 | 909 | 1059 | 911 | 786 | 1069 | 726 | 794 | 719 | 764 | 907·5 | 774 |
| Females - - | 915 | 907 | 1147 | 860 | 820 | 1101 | 722 | 727 | 740 | 791 | 918·7 | 696 |

*The numbers in this column are the average weekly numbers in the fifty-first week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | Oct. 1. | Oct. 8. | Oct. 15. | Oct. 22, | Oct. 29. | Nov. 5. | Nov. 12. | Nov. 19. | Nov. 26. | Dec. 3. | Dec. 10. | Dec. 17. | Dec. 24. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** - - | 2614 | 2554 | 2454 | 2468 | 2652 | 2530 | 2696 | 2585 | 2155 | 2575 | 2577 | 2519 | 2422 |
| TOTAL **Deaths** - - - | 1700 | 1620 | 1600 | 1497 | 1411 | 1394 | 1405 | 1436 | 1439 | 1569 | 1447 | 1423 | 1470 |
| Ages at Death: Under 1 year - - | 619 | 498 | 415 | 351 | 349 | 357 | 328 | 310 | 320 | 362 | 289 | 286 | 292 |
| 1—5 years - - | 195 | 182 | 180 | 167 | 169 | 155 | 158 | 171 | 157 | 203 | 166 | 176 | 189 |
| 5—20 ,, - - | 76 | 76 | 95 | 93 | 82 | 73 | 76 | 98 | 95 | 78 | 77 | 88 | 100 |
| 20—40 ,, - - | 185 | 180 | 204 | 199 | 178 | 198 | 191 | 197 | 198 | 190 | 196 | 174 | 213 |
| 40—60 ,, - - | 293 | 314 | 324 | 320 | 282 | 276 | 293 | 305 | 287 | 297 | 320 | 317 | 292 |
| 60—80 ,, - - | 288 | 291 | 307 | 290 | 287 | 258 | 299 | 286 | 302 | 349 | 331 | 303 | 316 |
| 80 years and upwards | 44 | 79 | 75 | 77 | 64 | 77 | 60 | 69 | 80 | 90 | 68 | 79 | 68 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox - - - - | – | – | 1 | – | – | – | – | – | – | – | – | – | – |
| Measles - - - - | 10 | 7 | 9 | 12 | 19 | 23 | 19 | 19 | 24 | 25 | 22 | 31 | 24 |
| Scarlet Fever - - - | 10 | 7 | 7 | 14 | 10 | 13 | 17 | 12 | 7 | 9 | 11 | 6 | 14 |
| Diphtheria - - - - | 33 | 34 | 41 | 30 | 46 | 28 | 31 | 44 | 38 | 43 | 43 | 40 | 46 |
| Whooping-cough - - - | 29 | 18 | 17 | 10 | 13 | 10 | 13 | 14 | 16 | 28 | 22 | 26 | 21 |
| Typhus - - - - - | – | – | – | – | – | 1 | – | – | – | – | 1 | – | – |
| Enteric Fever - - - | 9 | 6 | 18 | 28 | 20 | 29 | 27 | 28 | 33 | 21 | 26 | 19 | 21 |
| Simple Continued Fever - | – | – | – | – | 2 | – | – | – | – | – | – | – | – |
| Diarrhœa and Dysentery .. | 247 | 138 | 99 | 48 | 33 | 34 | 17 | 16 | 6 | 17 | 19 | 13 | 19 |
| Cholera - - - - - | 10 | 1 | 1 | – | 1 | – | – | – | 1 | – | – | – | – |
| All the above Diseases - | 348 | 211 | 193 | 142 | 144 | 138 | 124 | 133 | 125 | 143 | 144 | 135 | 145 |
| Dis. of Respiratory System - | 200 | 226 | 263 | 263 | 262 | 237 | 248 | 285 | 280 | 340 | 295 | 283 | 284 |
| Phthisis - - - - - | 147 | 148 | 173 | 169 | 140 | 135 | 155 | 183 | 148 | 161 | 153 | 143 | 156 |
| Dis. of Circulatory System - | 136 | 140 | 143 | 137 | 125 | 130 | 133 | 125 | 145 | 145 | 140 | 128 | 136 |
| Violence - - - - | 66 | 76 | 56 | 52 | 63 | 50 | 71 | 67 | 66 | 76 | 53 | 72 | 73 |
| Inquest Cases - - - - | 147 | 147 | 145 | 121 | 135 | 114 | 143 | 137 | 139 | 179 | 131 | 146 | 153 |
| Deaths in Public Institutions - | 445 | 483 | 489 | 459 | 459 | 433 | 451 | 463 | 473 | 446 | 474 | 449 | 470 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean - - - - - - | 52°·9 | 56°·1 | 49°·5 | 55°·3 | 55°·5 | 49°·8 | 49°·6 | 48°·0 | 41°·7 | 44°·1 | 49°·4 | 48°·0 | 40°·1 |
| Mean of Highest readings - | 63·8 | 62·4 | 55·1 | 60·0 | 61·0 | 56·5 | 56·0 | 52·5 | 45·2 | 47·6 | 52·7 | 51·9 | 45·3 |
| Mean of Lowest readings - | 42·5 | 50·1 | 44·5 | 50·8 | 50·6 | 43·0 | 44·0 | 43·1 | 37·3 | 39·5 | 45·1 | 43·0 | 34·6 |
| Humidity of the Air - - | 72 | 82 | 86 | 87 | 82 | 79 | 93 | 89 | 90 | 85 | 83 | 83 | 80 |
| Rain-fall (in inches) - - | 0·16 | 0·02 | 0·42 | 1·42 | 1·03 | 0·52 | 0·02 | 0·02 | 1·88 | 0·26 | 1·34 | 0·00 | 0·02 |
| Registered Sunshine (in hours) | 42·4 | 18·3 | 12·5 | 10·9 | 22·2 | 28·7 | 27·2 | 10·7 | 7·0 | 5·6 | 6·7 | 0·8 | 12·9 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox - - - - - | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Scarlet Fever - - - - | 2459 | 2606 | 2728 | 2915 | 3031 | 3092 | 3188 | 3259 | 3162 | 3142 | 3090 | 3043 | 2901 |
| Diphtheria - - - - | 1027 | 1052 | 1125 | 1169 | 1187 | 1211 | 1251 | 1251 | 1250 | 1274 | 1314 | 1310 | 1261 |
| Enteric Fever - - - - | 155 | 176 | 191 | 214 | 223 | 230 | 242 | 252 | 266 | 286 | 286 | 285 | 266 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton: A. W. Preston, Esq. F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley Wolverhampton; Arthur Brown, Esq., M.Inst.C.E., and F. Boobbyer Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst.C.E., Bradford; and Mr. E. Peak, Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FIFTY-FIRST Week of the Year 1898.

| CAUSES OF DEATH | Corrected Averages for the 51st Week of the 10 years 1888-97*. | In the Week ending Saturday, 24th December 1898. Deaths of Persons of the Ages: All Ages. | Under 20. 0-1 | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| CAUSES | 1826·2 | 1470 | 292 | 189 | 100 | 213 | 292 | 316 | 68 |
| Small-pox { Vaccinated† | 0·1 | - | - | - | - | - | - | - | - |
| Small-pox { Unvaccinated | 0·1 | - | - | - | - | - | - | - | - |
| Small-pox { No Statement | - | - | - | - | - | - | - | - | - |
| Measles | 81·1 | 24 | 1 | 20 | 3 | - | - | - | - |
| Scarlet Fever | 21·3 | 14 | 1 | 8 | 5 | - | - | - | - |
| Diphtheria | 0·2 | - | - | - | - | - | - | - | - |
| Relapsing Fever | - | - | - | - | - | - | - | - | - |
| Typhus | 24·3 | 12 | 1 | 1 | 1 | 3 | 3 | 2 | 1 |
| Enteric Fever | 48·5 | 21 | 6 | 14 | 1 | - | - | - | - |
| Whooping-cough | 47·7 | 46 | 2 | 31 | 13 | - | - | - | - |
| Malarial Continued and undefined Fever | - | - | - | - | - | - | - | - | - |
| Puerperal Fever | 14·6 | 21 | - | 1 | 8 | 10 | 2 | - | - |
| Cholera and Chol. Diarr. | - | - | - | - | - | - | - | - | - |
| Erysipelas, Dysentery | 13·6 | 19 | 8 | 5 | 1 | 1 | 2 | 2 | - |
| Influenza | - | - | - | - | - | - | - | - | - |
| Hydrophobia | - | - | - | - | - | - | - | - | - |
| Cholera | - | - | - | - | - | - | - | - | - |
| Small-pox and Effects of Vaccination | 0·1 | - | - | - | - | - | - | - | - |
| Cancer | 7·8 | 9 | 6 | 1 | - | - | 2 | - | - |
| Erysipelas | 8·2 | 7 | 1 | - | - | 1 | 4 | 1 | - |
| Pyæmia and Septicæmia | 1·9 | 4 | 2 | - | - | 1 | 1 | - | - |
| Puerperal Fever | 5·5 | 5 | - | - | - | 4 | 1 | - | - |
| Other Zymotic Diseases | 1·6 | 1 | - | 1 | - | - | - | - | - |
| Thrush | 0·6 | - | - | - | - | - | - | - | - |
| Worms and other Parasitical Diseases | 0·4 | 1 | - | - | 1 | - | - | - | - |
| Starvation, Want of Breast-milk | 1·3 | - | - | - | - | - | - | - | - |
| Atelectasis | 9·3 | 9 | - | - | - | 2 | 7 | - | - |
| Rheumatic Fever, Rheumatism of Heart | 8·7 | 13 | - | - | 6 | 5 | 2 | - | - |
| Rheumatism | 2·4 | 1 | - | - | - | - | - | 1 | - |
| Diabetes | 3·7 | 1 | - | - | - | - | - | 1 | - |
| Dropsy | 5·2 | 3 | - | 3 | - | - | - | - | - |
| Cancer | 63·5 | 67 | - | - | - | 8 | 27 | 31 | 1 |
| Disease of Mesenterica | 14·1 | 21 | 13 | 3 | 2 | 3 | - | - | - |
| Epidemic Cerebro-spinal Meningitis | 19·0 | 17 | 3 | 11 | 3 | - | - | - | - |
| Phthisis | 175·8 | 156 | 1 | 3 | 15 | 64 | 58 | 14 | 1 |
| Tabes Mesenterica, Tuberculosis | 16·8 | 11 | 1 | 4 | 2 | 3 | 1 | - | - |
| Other Constitutional Diseases | 14·1 | 15 | - | 2 | 2 | 1 | 5 | 4 | 1 |
| Premature Birth | 45·5 | 64 | 64 | - | - | - | - | - | - |
| Atelectasis | 4·0 | 3 | 3 | - | - | - | - | - | - |
| Congenital Malformations | 7·7 | 6 | 5 | 1 | - | - | - | - | - |
| Age | 59·5 | 43 | - | - | - | - | - | 18 | 25 |
| Apoplexy | 46·5 | 54 | - | - | - | 2 | 12 | 36 | 4 |
| Dropsy | 6·5 | 4 | - | 1 | - | 2 | 1 | - | - |
| Convulsions | 41·7 | 24 | 22 | 2 | - | - | - | - | - |
| Other Diseases of Brain and Nervous System | 84·9 | 72 | 7 | 8 | 5 | 9 | 16 | 22 | 5 |
| Diseases of Organs of Special Sense | 4·3 | 4 | 2 | 1 | 1 | - | - | - | - |

| CAUSES OF DEATH | Corrected Averages for the 51st Week of the 10 years 1888-97*. | In the Week ending Saturday, 24th December 1898. Deaths of Persons of the Ages: All Ages. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System | 154·1 | 136 | - | 2 | 11 | 27 | 31 | 56 | 9 |
| Croup | 7·4 | 2 | - | 1 | 1 | - | - | - | - |
| Bronchitis | 293·7 | 133 | 30 | 11 | 1 | 2 | 22 | 54 | 13 |
| Pneumonia | 131·4 | 118 | 30 | 37 | 6 | 12 | 16 | 16 | 1 |
| Pleurisy | 6·5 | 8 | - | - | - | 3 | 3 | 2 | - |
| Other Diseases of Respiratory System | 39·9 | 23 | 1 | 2 | 1 | - | 5 | 12 | 2 |
| Dentition | 9·7 | 9 | 8 | 1 | - | - | - | - | - |
| Quinsy, Sore Throat | 2·0 | 1 | - | 1 | - | - | - | - | - |
| Enteritis | 10·4 | 19 | 7 | 1 | - | 6 | 2 | 3 | - |
| Peritonitis | 6·2 | 4 | 1 | - | 1 | 1 | 1 | - | - |
| Diseases of Liver | 21·4 | 29 | 2 | - | - | 5 | 15 | 7 | - |
| Other Diseases of Digestive System | 30·3 | 26 | 9 | - | 1 | 5 | 3 | 7 | 1 |
| Diseases of Lymphatic System & of Ductless Glands | 1·9 | 4 | 1 | - | 1 | 2 | - | - | - |
| Diseases of Urinary System | 47·2 | 54 | - | 1 | 2 | 9 | 28 | 12 | 2 |
| Diseases of Generative System | 6·1 | 6 | - | - | - | 3 | 3 | - | - |
| Accidents of Childbirth | 4·4 | 5 | - | - | - | 4 | 1 | - | - |
| Diseases of Locomotive System | 5·5 | 6 | - | 1 | 1 | - | 1 | 2 | 1 |
| Diseases of Integumentary System | 7·2 | 6 | 3 | - | - | - | 1 | 2 | - |
| VIOLENT DEATHS.‡ (ACCIDENT.) | | | | | | | | | |
| By Railways | 64·7 | 2 | - | - | - | - | 1 | 1 | - |
| By Vehicles or Horses | | 8 | - | 1 | - | 2 | 4 | 1 | - |
| In Ships, Boats, Docks, (exclusive of Drowning) | | 1 | - | - | - | 1 | - | - | - |
| In Building Operations | | 1 | - | - | - | 1 | - | - | - |
| In Conflagrations | | 2 | - | - | - | - | - | 2 | - |
| By Burns, Scalds, Explosions | | 6 | - | 3 | 2 | - | - | 1 | - |
| By Drowning | | 5 | 1 | - | - | 2 | 2 | - | - |
| By Suffocation in Bed | | 16 | 15 | 1 | - | - | - | - | - |
| By Poisons or Poisonous Vapours | | 4 | - | - | 1 | 1 | 2 | - | - |
| Other or not stated causes | | 17 | 3 | - | 2 | 3 | 3 | 5 | 1 |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide | 1·9 | 2 | 1 | 1 | - | - | - | - | - |
| Suicide | 8·8 | 9 | - | - | - | 4 | 4 | 1 | - |
| Execution | - | - | - | - | - | - | - | - | - |
| OTHER CAUSES | 53·4 | 36 | 31 | 4 | - | 1 | - | - | - |

he numbers in this column are the average weekly deaths for the ten years 1888-97, raised by 5·230 per cent. for increase pulation.

ly those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered al men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

e evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of nt, murder manslaughter or suicide. All such cases are classed under "accident."

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASI SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in e SUB-DISTRICT during the Week ending Saturday, 24th December, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2422 | 1470 | 292 | 384 | - | 24 | 14 | 46 | 21 | - | 21 | - | 19 | 73 | 153 | 470 |
| WEST DISTRICTS - - - | 778,251 | 353 | 225 | 36 | 63 | - | 1 | 4 | 4 | 2 | - | 8 | - | 1 | 15 | 22 | 92 |
| NORTH DISTRICTS - - - | 1,040,694 | 573 | 320 | 60 | 97 | - | 4 | 3 | 14 | 6 | - | 5 | - | 4 | 8 | 20 | 92 |
| CENTRAL DISTRICTS - - - | 233,635 | 112 | 75 | 12 | 23 | - | 1 | - | 1 | - | - | - | - | 1 | 4 | 8 | 31 |
| EAST DISTRICTS - - - | 716,334 | 476 | 285 | 73 | 62 | - | 12 | - | 2 | 5 | - | 1 | - | 5 | 17 | 54 | 77 |
| SOUTH DISTRICTS - - - | 1,642,796 | 908 | 532 | 111 | 128 | - | 6 | 5 | 25 | 8 | - | 7 | - | 8 | 28 | 48 | 145 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | -- | - | 33 | - | 11 | - | - | 2 | - | - | - | - | - | - | 1 | 1 | 33 |
| **WEST DISTRICTS.** | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 51 | 25 | 5 | 7 | - | - | - | 1 | - | - | - | - | - | 3 | 4 | 5 |
| St. John Paddington *H* - - G. | 33,510 | 10 | 14 | 2 | 2 | - | - | - | - | - | - | 1 | - | - | 3 | 3 | 9 |
| Kensington Town *Ww* - - W. | 122,164 | 54 | 44 | 7 | 18 | - | - | - | - | - | - | 1 | - | - | 2 | 4 | 23 |
| Brompton *HH*- - - W & C. | 48,301 | 8 | 12 | 1 | 4 | - | - | - | - | - | - | - | - | 1 | - | 1 | 3 |
| St. Peter Hammersmith - - W. | 9,097 | 5 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Paul Hammersmith *HH* W. & G. | 35,102 | 40 | 20 | 3 | 6 | - | - | - | - | - | - | - | - | - | 3 | 5 | 4 |
| Fulham *Ww* - - - W. & C. | 113,781 | 88 | 48 | 11 | 12 | - | - | 4 | 2 | 1 | - | 5 | - | - | - | - | 18 |
| Chelsea Kensal Town - C. | 21,450 | 4 | 4 | 2 | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - |
| Chelsea North *WHHHH* - C. | 42,057 | 16 | 13 | 2 | 3 | - | - | - | - | 1 | - | 1 | - | - | - | - | 9 |
| Chelsea South *HL* - - C. | 33,139 | 11 | 4 | 2 | - | - | - | - | - | - | - | - | - | - | 2 | 2 | 1 |
| May Fair *W* - - - - G. | 23,827 | 8 | 6 | - | 3 | - | - | - | 1 | - | - | - | - | - | 1 | 1 | 3 |
| Belgrave *WHHH* - - - C. | 56,140 | 23 | 12 | 1 | 3 | - | - | - | - | - | - | - | - | - | - | 1 | 6 |
| St. John Westminster *HH* - C. | 31,492 | 15 | 5 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Margaret Westminster *H*- C. | 22,097 | 5 | 9 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | 7 |
| St. James Westminster *WHH* N. & G. | 23,050 | 7 | 3 | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | 1 |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 8 | 4 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 3 |
| **NORTH DISTRICTS.** | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - - W. | 36,595 | 10 | 22 | 1 | 7 | - | 1 | - | 1 | - | - | - | - | - | 2 | 4 | 12 |
| Rectory Marylebone *W* G. & W. | 19,798 | 13 | 6 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | 2 | 1 |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 34 | 4 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | 1 |
| Christchurch Marylebone *H* - W | 32,547 | 13 | 7 | 2 | 1 | - | - | - | - | - | - | - | - | - | 1 | 1 | - |
| St. John Marylebone *HHH* W. | 32,611 | 9 | 6 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Hampstead *WwHHHH* - N. & W. | 75,449 | 25 | 25 | 2 | 7 | - | - | 1 | 5 | - | - | 2 | - | - | 1 | 3 | 13 |
| Regent's Park Pancras *HH* - W. | 37,341 | 19 | 10 | 3 | 3 | - | - | - | - | - | - | - | - | 1 | 1 | 1 | 2 |
| Tottenham-court *wHHHH* - N. & W. | 26,757 | 7 | 15 | 2 | 3 | - | - | - | 2 | - | - | - | - | - | - | 1 | 9 |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 8 | 11 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | 5 |
| Somers Town *HH* - - - N. | 32,161 | 25 | 8 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 |
| Camden Town *WH* - - N. | 16,669 | 7 | 12 | 1 | 9 | - | - | - | 1 | - | - | - | - | 1 | - | 1 | 8 |
| Kentish Town *WW* - - N. | 98,410 | 55 | 28 | 4 | 12 | - | - | - | 1 | - | - | - | - | 1 | 1 | 1 | 3 |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 54 | 46 | 10 | 10 | - | 1 | - | 1 | 1 | - | - | - | - | 2 | 4 | 18 |
| Islington South-west *H* - N. | 107,365 | 59 | 29 | 7 | 8 | - | - | - | - | 1 | - | 1 | - | - | - | - | - |
| Islington South-east - - N. | 66,549 | 43 | 10 | 1 | 6 | - | 1 | - | - | - | - | - | - | - | - | 1 | - |
| Highbury *HH* - - - N. | 64,577 | 33 | 12 | 2 | 2 | - | - | - | - | 2 | - | 1 | - | - | - | - | 1 |
| Stoke Newington *H* - - N. | 33,485 | 18 | 8 | 1 | 3 | - | - | - | - | - | - | - | - | - | - | - | - |
| North Hackney - - E. & N. | 213,044 | 28 | 10 | 1 | 4 | - | - | - | - | 1 | - | - | - | 1 | - | - | - |
| Central Hackney *ww* - E. & N. | | 33 | 17 | 5 | 3 | - | 1 | 2 | 2 | 1 | - | 1 | - | - | - | - | 5 |
| South-west Hackney *HHH* E. & N. | | 38 | 17 | 7 | 6 | - | - | - | 1 | - | - | - | - | - | - | - | 3 |
| South-east Hackney *WwH* E.&N. | | 42 | 17 | 2 | 6 | - | - | - | - | - | - | - | - | - | - | - | 10 |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therei namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers ar received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. Th R man capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junctio Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River; E. Ea London; and K. the Kent Company.

See note † on first page of this Return.

LE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday, 24th December, 1898—*continued.*

| EGISTRATION SUB-DISTRICTS | Enumerated Population. 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CENTRAL DISTRICTS. | | | | | | | | | | | | | | | | | | |
| eorge Bloomsbury - - N. | 16,110 | 5 | 5 | 1 | 2 | - | - | - | - | - | - | - | - | 1 | - | 2 | - | - |
| iles South *WH* - - N. | 12,976 | 5 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| iles North *H* - - - N. | 9,151 | 3 | 5 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | 2 | - |
| artin-in-the-Fields *HH* N. & C. | 13,077 | 5 | 5 | - | 2 | - | - | - | - | - | - | - | - | - | 2 | 2 | 1 | - |
| nd *WHH* - - - - N. | 11,839 | 3 | 8 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 6 | - |
| nd Union Workhouse, Edmonton | †1,037 | - | 5 | - | 5 | - | - | - | - | - | - | - | - | - | - | - | 5 | - |
| orn *wHHHHHH* - N. | 31,042 | 15 | 11 | 2 | 3 | - | - | - | - | - | - | - | - | - | 1 | 1 | 4 | - |
| ames Clerkenwell - - N. | 15,777 | 7 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - |
| ell Clerkenwell - - N. | 34,356 | 16 | 8 | 2 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| ell-street - - - - N. | 16,069 | 8 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| -road *HHHL* - - - N. | 29,897 | 34 | 10 | 3 | 2 | - | - | - | - | - | - | - | - | - | - | 2 | 2 | - |
| ecross-street - - - N. | 7,595 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| bury - - - - - N. | 4,035 | 1 | 2 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| orn Union Workhouse, Acham - - - - | †892 | - | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 2 | - |
| otolph *H* - - N. & E. | 6,870 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| legate - - - - N. | 3,299 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| epulchre *WH* - - - N. | 9,591 | 2 | 8 | 2 | - | - | - | - | 1 | - | - | - | - | - | - | - | 8 | - |
| llows Barking - - - N. | 9,059 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| d Street *H* - - - N. | 2,892 | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| of London Asylum, Stone - - | †388 | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| EAST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| editch South *Hl* - E. & N. | 17,975 | 8 | 5 | 1 | 1 | - | 1 | - | - | - | - | - | - | - | 1 | 2 | - | - |
| on New Town *w* - - N. | 29,575 | 22 | 14 | 1 | 6 | - | 1 | - | - | - | - | - | - | - | 1 | 2 | 8 | - |
| on Old Town - - - N. | 27,645 | 22 | 3 | 1 | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - | - |
| erston *WH* - - N. & E. | 47,163 | 41 | 17 | 5 | 1 | - | 1 | - | - | - | - | - | - | - | 1 | 2 | 4 | - |
| nal Green North *H* - E. | 49,301 | 51 | 19 | 8 | 3 | - | 1 | - | - | - | - | 1 | - | - | 1 | 5 | 1 | - |
| nal Green South - - E. | 34,194 | 24 | 13 | 4 | 4 | - | - | - | - | - | - | - | - | - | - | 4 | - | - |
| nal Green East *WHl* - E. | 45,667 | 18 | 20 | 2 | 10 | - | 1 | - | 1 | - | - | - | - | 1 | 1 | 1 | 8 | - |
| lfields - - - E. & N. | 26,681 | 15 | 3 | - | 1 | - | - | - | - | 1 | - | - | - | - | - | 1 | - | - |
| End New Town *W* - E. | 12,816 | 10 | 13 | 3 | 2 | - | - | - | - | - | - | - | - | 1 | - | - | 9 | - |
| echapel Church *H* - E. & N. | 25,561 | 17 | 20 | 4 | 2 | - | - | - | 1 | - | - | - | - | - | 1 | 2 | 15 | - |
| man's Fields - - - E. | 13,618 | 12 | 8 | 4 | 1 | - | - | - | - | - | - | - | - | - | 1 | 2 | - | - |
| eorge's North - - - E. | 39,576 | 33 | 8 | 4 | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - |
| hn, St. George East *W* E. | 7,930 | 8 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | 4 | - |
| well *H* - - - E. & N. | 10,434 | 5 | 8 | 1 | 1 | - | 1 | - | - | 2 | - | - | - | - | - | - | 4 | - |
| ff *W* - - - - E. | 14,954 | 14 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| house - - - - E. | 32,917 | 10 | 9 | 3 | 2 | - | 1 | - | - | - | - | - | - | - | - | 2 | - | - |
| End Old Town West *H* E. | 111,060 | 34 | 17 | 4 | 5 | - | - | - | - | - | - | - | - | - | 1 | 5 | - | - |
| End Old Town East *Ww* - E. | | 36 | 24 | 5 | 4 | - | 3 | - | - | - | - | - | - | 2 | 1 | 6 | 6 | - |
| *l* - - - - E. | 41,687 | 16 | 13 | 2 | 4 | - | - | - | - | - | - | - | - | - | - | - | 3 | - |
| ey *wwwH* - - - E. | 69,821 | 50 | 41 | 12 | 10 | - | 1 | - | - | 1 | - | - | - | 1 | 5 | 13 | 15 | - |
| r *WW* - - - - E. | 57,759 | 30 | 23 | 8 | 4 | - | 1 | - | - | - | - | - | - | - | 2 | 6 | - | - |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 24th December, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Continued Simple Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WHL.&S.* | 13,064 | 7 | 6 | 1 | 2 | – | 1 | – | – | – | – | – | – | – | 1 | 2 | 1 |
| St. Saviour Southwark - - S. | 12,301 | 5 | 4 | 2 | – | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Kent-road - - - - S. & L. | 22,879 | 9 | 8 | 1 | 1 | – | 1 | – | – | 1 | – | – | – | – | – | 1 | – |
| Borough-road *WH* - S. & L. | 16,083 | 7 | 9 | 3 | 2 | – | – | – | – | – | – | 1 | – | – | 1 | 2 | 3 |
| London-road *HL* - - L. & S. | 21,316 | 7 | 6 | – | 2 | – | – | – | – | 1 | – | – | – | – | – | – | – |
| Trinity Newington - - S. & L. | 28,723 | 16 | 4 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| St. Peter Walworth *W* - S. & L. | 62,045 | 45 | 16 | 7 | 2 | – | 2 | – | – | 1 | – | – | – | 1 | – | – | 1 |
| St. Mary Newington- - L. & S. | 30,171 | 20 | 15 | 4 | 2 | – | – | – | – | – | – | – | – | – | – | – | – |
| St. Olave *WH* - - - - S. | 11,731 | 4 | 17 | 2 | 1 | – | – | – | – | 1 | – | – | – | – | 3 | 3 | 14 |
| Bermondsey* *W* - - - S. | 85,475 | 54 | 25 | 9 | 5 | – | – | – | – | – | – | – | – | – | 3 | 4 | 2 |
| Rotherhithe *WwH* - S. & K. | 40,379 | 23 | 13 | 2 | – | – | – | – | – | – | – | – | – | 1 | 2 | 4 | 5 |
| Waterloo-road *HH* - L. & S. | 28,396 | 27 | 13 | 1 | 1 | – | – | – | – | – | – | – | – | – | 1 | 4 | 2 |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 10 | 16 | 4 | 3 | – | – | – | – | – | – | 1 | – | 2 | 1 | 2 | 10 |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 27 | 23 | 4 | 14 | – | – | – | – | – | – | – | – | – | – | 1 | 18 |
| Kennington 1st *H* - - S. & L. | 52,486 | 31 | 13 | 6 | 3 | – | – | – | 1 | – | – | – | – | – | 2 | 3 | 1 |
| Kennington 2nd - - S. & L. | 43,244 | 19 | 10 | 3 | 2 | – | – | – | – | – | – | – | – | – | 1 | – | – |
| Brixton *w* - - - L. & S. | 81,825 | 30 | 22 | 3 | 7 | – | – | 2 | 3 | – | – | 1 | – | – | 1 | 1 | 4 |
| Norwood *WH* - - - - L. | 29,318 | 7 | 6 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| East Battersea - - - - S. | 71,730 | 44 | 14 | 5 | 4 | – | – | – | 1 | – | – | – | – | – | – | – | – |
| West Battersea *WwH* - - S. | 93,385 | 50 | 28 | 6 | 4 | – | – | – | 1 | – | – | – | – | 1 | 2 | 3 | 5 |
| Clapham *H* - - - - S. | 46,953 | 25 | 8 | 3 | 2 | – | – | – | – | – | – | – | – | 1 | – | – | – |
| Wandsworth *WHHL* - - S. | 58,101 | 22 | 11 | 4 | 3 | – | – | – | – | – | – | – | – | – | – | – | – |
| Putney - - - - - S. | 20,566 | 9 | 3 | 2 | – | – | – | – | – | – | – | – | – | 1 | 1 | 1 | – |
| Streatham *WwwwL* - - L. | 61,644 | 39 | 20 | 1 | 5 | – | – | – | 3 | – | – | – | – | – | 2 | 1 | 3 |
| Dulwich - - - - L. & S. | 7,519 | 3 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Camberwell *Wwll* - S. & L. | 90,286 | 43 | 36 | 3 | 12 | – | – | – | – | – | – | 1 | – | – | 2 | 5 | 27 |
| Peckham *WW* - S., L., & K. | 88,242 | 54 | 33 | 5 | 10 | – | 2 | – | – | – | – | – | – | – | 1 | 1 | – |
| St. George Camberwell - L. & S. | 67,029 | 30 | 18 | 9 | 2 | – | – | – | – | 2 | – | – | – | – | – | – | – |
| Deptford North - - - K. | 36,152 | 24 | 6 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| Deptford Central *w* - - K. | 45,441 | 40 | 19 | 3 | 1 | – | – | 2 | 5 | – | – | 1 | – | 1 | – | – | 9 |
| Deptford South - - - K. | 33,402 | 17 | 5 | 1 | 2 | – | – | – | – | – | – | – | – | – | – | – | – |
| Greenwich West *H* - - K. | 23,012 | 9 | 6 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 1 |
| Greenwich East *WH* - - K. | 37,767 | 28 | 15 | 1 | 4 | – | – | – | – | – | – | – | – | – | 1 | 2 | 12 |
| Eltham *wH* - - - - K. | 5,911 | 5 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| Lee *H* - - - - - K. | 24,222 | 7 | 8 | 1 | – | – | – | – | – | – | – | – | – | – | 1 | 2 | – |
| Lewisham *WwH* - - - K. | 38,139 | 26 | 25 | 2 | 9 | – | – | – | 7 | – | – | 2 | – | – | 1 | 1 | 13 |
| Sydenham *H* - - - - L. | 37,601 | 13 | 6 | – | 4 | – | – | – | – | 1 | – | – | – | – | – | – | 1 |
| Charlton *wHH* - - K. | 15,928 | 8 | 11 | 1 | 1 | – | – | – | 4 | – | – | – | – | – | – | – | 5 |
| Woolwich Dockyard - - K. | 19,355 | 11 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 16 | 3 | 1 | 1 | – | – | – | – | 1 | – | – | – | – | – | – | 1 |
| Plumstead West *H* - - K. | 16,714 | 12 | 6 | 3 | 2 | – | – | – | – | – | – | – | – | – | 1 | 1 | – |
| Plumstead East *WH* - - K. | 42,538 | 25 | 21 | 1 | 9 | – | – | 1 | – | – | – | – | – | – | – | 2 | 7 |
| Banstead Asylum - - - - | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | 1 |
| Caterham Asylum - - - - | — | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | 1 |
| Cane Hill Asylum - - - - | — | – | 8 | – | 4 | – | – | – | – | – | – | – | – | – | – | – | 8 |
| Hospital Ships and Camp, Dartford | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Darenth Asylum - - - - | — | – | 6 | – | – | – | – | – | – | – | – | – | – | – | – | – | 6 |
| London County Asylum, Dartford Heath - - - - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Hanwell Asylum - - - - | — | – | 5 | – | 3 | – | – | – | – | – | – | – | – | – | 1 | 1 | 5 |
| Colney Hatch Asylum - - - | — | – | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 2 |
| N.E. Hospital - - - - - | — | – | 3 | – | – | – | – | 2 | – | – | – | – | – | – | – | – | 3 |
| Winchmore Hill Hospital - - | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Leavesden Asylum - - - - | — | – | 2 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | 2 |
| Claybury Asylum - - - - | — | – | 5 | – | 2 | – | – | – | – | – | – | – | – | – | – | – | 5 |

* The two Sub-Districts of Leather Market and St. James Bermondsey were united on 1st September, and called Bermondsey.

6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, OSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week nding Saturday, 24th December, 1898.

| REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years & upwds. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NDON—OUTER RING - | 368,749 | 1,422,063 | 949 | 456 | 109 | 131 | 1 | 3 | 2 | 22 | 4 | 10 | 5 | 21 | 45 | 43 | 9 |
| Carshalton *wHH* - - | 12,228 | 26,108 | 12 | 3 | – | 3 | – | – | – | – | – | – | – | – | – | – | – |
| Epsom, *part of** *WwHH* - | 10,423 | 12,508 | 5 | 4 | – | 2 | – | – | – | – | – | – | – | – | – | 4 | – |
| Godstone, *part of** *W* - | 2,754 | 1,598 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Croydon *WwHHH* - - | 20,851 | 128,699 | 72 | 43 | 8 | 18 | 1 | – | 1 | 2 | – | – | – | 2 | 5 | 6 | – |
| Mitcham *w* - - - | 11,697 | 23,072 | 3 | 3 | 1 | 1 | – | – | – | – | – | – | 1 | – | 1 | – | – |
| Wimbledon *HHH* - - | 3,220 | 25,777 | 16 | 3 | – | 2 | – | – | – | – | – | – | – | – | – | – | – |
| Kingston *W* - - - | 14,672 | 33,566 | 18 | 10 | 2 | 3 | – | – | – | – | – | – | – | – | – | 1 | – |
| Surbiton *H*- - - - | | 12,178 | 3 | 3 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Esher, *part of** *HH* - - | | 11,080 | 4 | 2 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| Hampton *HL* - - - | 4,565 | 18,252 | 6 | 10 | 2 | 3 | – | – | – | 1 | – | – | – | – | – | – | – |
| Richmond *WH*- - - | 2,160 | 25,389 | 9 | 6 | – | 4 | – | – | – | – | – | – | – | 1 | 1 | 1 | – |
| Mortlake *H* - - - | 2,823 | 16,159 | 7 | 3 | 1 | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| Bromley *HHH* - - - | 9,127 | 23,815 | 11 | 4 | 1 | – | – | 1 | – | 1 | – | – | – | 1 | 1 | – | – |
| Beckenham *H* - - - | 6,542 | 21,969 | 11 | 6 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | – |
| Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 9 | 4 | 1 | – | – | – | – | – | – | – | – | – | – | 2 | – |
| Bexley *HHH* - - - | 12,540 | 30,590 | 22 | 8 | 4 | 4 | – | – | – | – | – | – | – | – | – | – | 2 |
| Dartford *WH*, *part of** - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Sunbury *w* - - - | 11,054 | 13,671 | 12 | 4 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | 1 |
| Staines *WH* - - - | 13,277 | 13,221 | 5 | 2 | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| Hillingdon *WHH* - - | 6,035 | 12,237 | 6 | 7 | – | 3 | – | – | – | 1 | – | – | – | – | – | 3 | – |
| Uxbridge - - - - | 12,757 | 7,253 | 6 | 2 | 1 | – | – | – | – | 1 | – | – | – | – | – | – | – |
| Hayes *wH*- - - - | 7,952 | 11,051 | 9 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Isleworth *WHH* - - | 6,967 | 26,004 | 10 | 12 | 1 | 1 | – | – | – | 2 | – | – | – | 1 | 2 | 2 | – |
| Twickenham *HH* - - | 2,415 | 16,027 | 6 | 4 | – | 3 | – | – | – | – | – | – | – | – | – | – | – |
| Brentford *HHHH* - - | 4,318 | 37,777 | 23 | 11 | 2 | 6 | – | – | – | 1 | – | – | – | – | 1 | – | 2 |
| Chiswick - - - - | 1,245 | 21,963 | 15 | 8 | 3 | 3 | – | – | – | – | – | – | 1 | 1 | 1 | – | – |
| Acton *wHH* - - - | 6,132 | 30,945 | 29 | 10 | 3 | 4 | – | – | – | – | – | – | 1 | – | – | – | – |
| Harrow *HHH* - - - | 13,809 | 15,715 | 12 | 8 | 2 | 3 | – | – | – | – | – | 1 | – | 1 | 1 | 1 | – |
| Edgware *HH* - - - | 6,994 | 3,844 | 3 | 2 | – | 2 | – | – | – | – | – | – | – | – | – | – | – |
| Willesden *HHH* - - | 4,383 | 61,265 | 45 | 21 | 5 | 4 | – | – | – | 1 | – | – | – | – | 1 | 2 | – |
| Hendon *WH* - - - | 8,382 | 15,843 | 5 | 6 | 2 | 2 | – | – | – | – | 1 | – | – | – | – | 1 | – |
| South Mimms *HH* - - | 21,077 | 6,367 | 5 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Barnet *WHH* - - - | | 14,152 | 5 | 3 | 1 | – | – | – | – | – | 1 | – | – | – | 1 | – | – |
| Finchley *HHH*- - - | 4,688 | 25,820 | 5 | 7 | 3 | 2 | – | – | – | – | 1 | – | – | 1 | 1 | – | – |
| Hornsey *HH* - - - | 3,039 | 61,097 | 37 | 20 | 4 | 7 | – | – | – | – | – | – | – | 2 | 2 | – | – |
| Tottenham *HH*- - - | 4,642 | 97,174 | 75 | 29 | 8 | 5 | – | – | – | – | – | 1 | – | 3 | 8 | 1 | – |
| Edmonton *Www* - - | 7,489 | 36,351 | 29 | 11 | 3 | – | – | – | – | – | – | 1 | – | – | – | 2 | – |
| Enfield *WWHH* - - | 12,602 | 31,536 | 16 | 7 | 2 | 3 | – | 1 | – | – | 1 | – | – | – | – | 1 | – |
| Waltham Abbey - - - | 11,017 | 6,066 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Cheshunt *H* - - - | 8,480 | 9,620 | 9 | 3 | – | 2 | – | – | – | – | – | – | – | – | – | – | – |
| Hatfield, *part of** *W*- - | 3,306 | 582 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Bushey *H* - - - - | 9,331 | 7,737 | 2 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Watford *WH*, *part of** - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Stratford *H* - - - | 4,706 | 38,612 | 44 | 12 | 4 | 5 | – | – | – | – | – | – | – | – | 1 | 1 | 2 |
| Plaistow *WHHH* - - | | 58,030 | 63 | 27 | 9 | 5 | – | 1 | – | 5 | – | 3 | 1 | 3 | 3 | 3 | 2 |
| Canning Town *H* - - | | 54,750 | 48 | 20 | 6 | 1 | – | – | – | – | – | 1 | 1 | – | 2 | 1 | – |
| Forest Gate *w* - - - | | 53,511 | 30 | 16 | – | 6 | – | – | – | 1 | – | – | – | – | – | – | – |
| East Ham *wH*- - - | 3,266 | 32,713 | 58 | 19 | 8 | 3 | – | – | – | 3 | – | – | – | – | 1 | – | – |
| Leyton *WWWwH* - - | 4,334 | 70,188 | 51 | 27 | 6 | 7 | – | – | 1 | 1 | – | 2 | – | 2 | 3 | 9 | – |
| Walthamstow *HHL*- - | 6,501 | 57,330 | 46 | 22 | 4 | 4 | – | – | – | 2 | – | – | – | – | 5 | – | – |
| Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 9 | 7 | 3 | 2 | – | – | – | – | – | 1 | – | – | – | 1 | – |
| Epping *WH*, *part of** - - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Romford, *part of** *WH* - | 6,556 | 4,324 | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Ilford - - - - - | 8,493 | 10,913 | 13 | 8 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Barking Town, *H* - - | 3,814 | 14,301 | 6 | 4 | – | – | – | – | – | – | – | – | – | 1 | 1 | – | – |
| Middlesex Co. Lunatic Asy., Wandsworth. | — | — | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | 1 | – |

e parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring follows:—30: 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37: 1, the parishes of Warlingham arley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst strict, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in ld sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping .079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for ous Diseases belonging to the Outer Ring in 42: 2, Dartford: 137: 2, Watford; and 187: 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 24th December, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | ANNUAL RATE of MORTALITY per 1000 living. | | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Deaths of | | Deaths from | | | | | | | | |
| | | | From All Causes. | From Diseases in Cols. 8-14. | | Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. |
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. | 15. |
| **GREATER LONDON** | **443,421** | **6,408,321** | **15·7** | **1·6** | **1926** | **401** | **515** | **1** | **27** | **16** | **68** | **25** | **31** | **24** | **94** |
| INNER LONDON - | 74,672 | 4,504,766 | 17·0 | 1·7 | 1470 | 292 | 384 | – | 24 | 14 | 46 | 21 | 21 | 19 | 73 |
| OUTER RING - | 368,749 | 1,903,555 | 12·5 | 1·3 | 456 | 109 | 131 | 1 | 3 | 2 | 22 | 4 | 10 | 5 | 21 |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalen he area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

| CITIES. | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of Stillborn | DEATHS. Exclusive of Stillborn | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM PRINCIPAL ZYMO DISEASES. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. |
| EDINBURGH - | 295,628 | December 24 | 143 | 105 | 18·5 | – | 3 | 1 | 1 | – | 2 |
| GLASGOW - | 724,349 | „ 24 | 444 | 252 | 18·1 | – | 6 | 9 | 1 | 9 | 8 |
| DUBLIN - | 349,594 | „ 24 | – | – | – | – | – | – | – | – | – |
| CALCUTTA - | 466,460 | November 12 | – | 200 | 22·3 | – | 1 | – | – | 1 | 65 |
| BOMBAY - | 821,764 | December 6 | 297 | 646 | 40·9 | – | 1 | ? | ? | ? | 143‡ |
| MADRAS - | 452,518 | November 25 | 379 | 357 | 41·0 | – | 5 | ? | ? | ? | 36‡ |
| PARIS - | 2,511,629 | December 17 | 1184 | 887 | 18·3 | – | – | 1 | 2* | 6 | 4 |
| BRUSSELS - | 551,011 | „ 17 | 245 | 201 | 19·0 | – | 7 | 1 | 1* | – | 3 |
| AMSTERDAM - | 508,266 | „ 10 | 241 | 164 | 16·7 | – | 9 | – | – | 7 | 1 |
| ROTTERDAM - | 303,878 | „ 10 | 213 | 101 | 17·1 | – | 2 | – | 2 | 7 | 1 |
| THE HAGUE - | 196,325 | „ 10 | 106 | 51 | 13·5 | – | 4 | – | – | 3 | – |
| COPENHAGEN - | 345,000 | „ 17 | 167 | 110 | 16·6 | – | 2 | 3 | 1 | 3 | 1 |
| STOCKHOLM - | 283,550 | „ 10 | 165 | 91 | 16·7 | – | 2 | – | 4* | 1 | – |
| CHRISTIANIA - | 2[illegible]3,337 | „ 17 | 110 | 77 | 19·7 | – | 1 | 1 | – | 1 | – |
| ST. PETERSBURG | 1,132,677 | „ 10 | 616 | 524 | 24·1 | – | 7 | 11 | 20 | 12 | 14 |
| MOSCOW - | 988,610 | „ 10 | – | 572 | 30·2 | 3 | 4 | 11 | 9 | 4 | 5 |
| BERLIN - | 1,773,003 | „ 3 | 913 | 558 | 16·1 | 1 | 5 | 10 | 25 | 11 | 1 |
| HAMBURG - | 661,015 | „ 17 | – | 208 | 16·4 | – | – | – | 1* | 3 | 1 |
| DRESDEN - | 385,300 | November 26 | – | – | – | – | – | – | – | – | – |
| BRESLAU - | 392,795 | December 17 | – | 172 | 22·8 | – | – | 5 | 4 | – | – |
| MUNICH - | 430,000 | „ 17 | – | 204 | 26·1 | – | – | 1 | 5* | 2 | – |
| VIENNA - | 1,590,295 | „ 17 | 865 | 643 | 20·8 | – | 13 | 3 | 17* | 1 | 1 |
| PRAGUE - | 382,029 | „ 10 | 198 | 190 | 26·0 | – | 8 | 4 | 8 | – | 1 |
| BUDA-PESTH - | 648,104 | „ 10 | 475 | 258 | 20·7 | – | 16 | 5 | 4 | – | 5 |
| TRIESTE - | 165,177 | „ 10 | 92 | 58 | | – | – | 4 | 1* | 1 | 2 |
| ROME - | 499,861 | November 26 | 225 | 150 | 15·6 | – | – | – | – | – | 13§ |
| TURIN (10 days) | 344,203 | „ 20 | 230 | 139 | 14·7 | – | – | – | 2 | 3 | 5 |
| VENICE - | 169,545 | December 3 | 64 | 64 | 19·7 | – | – | – | 2* | – | 2 |
| CAIRO - | 570,062 | August 19 | – | – | – | – | – | – | – | – | – |
| ALEXANDRIA - | 319,766 | „ 19 | – | – | – | – | – | – | – | – | – |
| NEW YORK (including BROOKLYN) | 3,438,899 | December 3 | – | – | – | – | – | – | – | – | – |
| PHILADELPHIA - | 1,240,266 | „ 3 | – | 399 | 16·8 | – | – | 2 | 41 | 1 | 10 |

* Including deaths from croup.
† Including 1 death from cholera in Calcutta, 1 in Bombay, and 5 in Madras.
‡ Including 61 deaths from "plague" in Bombay and 1 in Madras.
§ Including 6 deaths from malarial fever.

| 1898. Month and Day | Phases of the Moon. | Barometer. Mean daily reading (corrected and reduced to 32° Fahrenheit). | Temperature. Of the Air. Highest. | Temperature. Of the Air. Lowest | Temperature. Of the Air. Daily Range. | Temperature. Of the Air. Mean daily value. | Temperature. Of the Air. Departure from Average of 50 years. | Temperature. Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Difference. Greatest. | Difference. Least. | Degree of Humidity (Saturation equals 100). | Temperature. Of Radiation. Highest in Sun's Rays. | Temperature. Of Radiation. Lowest on the Grass. | Temperature. Of the Earth 3 feet below the Surface. | Wind as deduced from Anemometers. Osler's. General Direction. A.M. | Wind. Osler's. General Direction. P.M. | Wind. Osler's. Pressure on the Square Foot. Greatest. | Wind. Osler's. Pressure. Least. | Wind. Osler's. Pressure. Mean of 24 hourly obs. | Wind. Robinson's. Horizontal Movement of the Air on each Day. | Wind. Robinson's. Departure from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| DECEMBER. | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUNDAY - 18 | .. | 29·997 | 55·2 | 51·7 | 3·5 | 53·5 | +13·8 | 49·3 | 4·2 | 6·4 | 2·6 | 86 | 67·5 | 46·8 | 48·80 | SW. | WSW. & SW. | 2·9 | 0·0 | 0·2 | 343 | + 33 | 0·00 | 0·0 |
| MONDAY - 19 | In Equator | 29·976 | 53·1 | 38·6 | 14·5 | 44·0 | + 4·7 | 36·8 | 7·2 | 11·9 | 3·8 | 76 | 61·2 | 31·0 | 49·04 | SW., WNW. & NW, NNW. | NW., WNW. & W. | 4·4 | 0·0 | 0·5 | 410 | +100 | 0·00 | 0·0 |
| TUESDAY - 20 | First Quarter. | 30·239 | 39·2 | 34·2 | 5·0 | 37·1 | - 1·9 | 27·5 | 9·6 | 11·5 | 4·9 | 68 | 50·9 | 28·0 | 49·10 | | NNW. & WSW. | 2·5 | 0·0 | 0·3 | 307 | - 2 | 0·00 | 0·0 |
| WEDNESDAY 21 | .. | 30·274 | 41·3 | 29·2 | 12·1 | 35·3 | - 3·5 | 34·3 | 1·0 | 4·8 | 0·0 | 96 | 52·7 | 25·7 | 48·61 | W., N., & ENE. | NE. & S. | 0·7 | 0·0 | 0·0 | 151 | -156 | 0·02 | 0·0 |
| THURSDAY- 22 | .. | 30·321 | 44·7 | 29·2 | 15·5 | 36·7 | - 1·9 | 32·1 | 4·6 | 11·0 | 0·4 | 83 | 71·0 | 21·0 | 47·95 | Calm & variable | SSW., S. & SSE. | 0·3 | 0·0 | 0·0 | 100 | -205 | 0·00 | 0·0 |
| FRIDAY - 23 | .. | 30·246 | 41·9 | 28·6 | 13·3 | 36·1 | - 2·3 | 26·1 | 10·0 | 15·0 | 3·4 | 67 | 73·0 | 18·6 | 47·31 | SSE. | S. & SSE. | 1·8 | 0·0 | 0·1 | 236 | - 67 | 0·00 | 1·0 |
| SATURDAY - 24 | .. | 30·229 | 42·0 | 31·0 | 11·0 | 37·7 | - 0·6 | 32·2 | 5·5 | 6·9 | 3·0 | 81 | 42·3 | 18·7 | 46·62 | S. & SSW. | S. & SSW. | 0·6 | 0·0 | 0·0 | 240 | - 61 | 0·00 | 0·0 |
| MEANS - | | 30·183 | 45·3 | 34·6 | 10·7 | 40·1 | + 1·2 | 34·0 | 6·0 | 9·6 | 2·6 | 80 | 59·8 | 27·1 | 48·20 | Variable | | .. | .. | .. | Sum 1787 | Sum -358 | Sum 0·02 | 0·1 |
| No. of Column - | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| Date. | | Electricity. (For explanation of symbols, *see* Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | General Remarks. |
|---|---|---|---|---|---|
| DECEMBER. | | | | | |
| SUNDAY - | 18 | Register imperfect | 0·3 | 7·8 | Generally cloudy. Partial solar - halo observed in afternoon. Very mild. |
| MONDAY - | 19 | Register imperfect till 2h. P.M.; w. P. afterwards. | 0·7 | 7·8 | Overcast in morning; fine and partially cloudy afterwards. |
| TUESDAY - | 20 | m. P. throughout - | 1·2 | 7·8 | Cloudless with hoar frost in morning; very fine with small amounts of cloud till evening; cloudy after 8h. P.M. |
| WEDNESDAY | 21 | v. N. and w. P. till 4h. A.M.; w. P. generally afterwards. | 0·0 | 7·8 | Overcast till noon with slight shower in early morning; very fine afterwards. Hoar frost and dense fog at night. |
| THURSDAY- | 22 | w. P. throughout - | 3·7 | 7·8 | Hoar frost and dense fog in morning; generally cloudless and very fine afterwards. Hoar frost at night. |
| FRIDAY - | 23 | w. P. throughout - | 7·0 | 7·8 | Cloudless with hoar frost in morning; very fine with small amounts of thin cloud afterwards. Hoar frost at night. |
| SATURDAY- | 24 | w. P. throughout - | 0·0 | 7·8 | Fine and partially cloudy with hoar frost in morning; overcast after 10h. A.M. |
| | | | Sum 12·9 | Sum 54·6 | |
| No. of Col. - | - | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and - "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased from 30·06 in. at the beginning of the week to 29·88 in. by 4h. A.M. on the 19th; increased to 30·35 in. by 10h. A.M. on the 22nd; decreased to 30·19 in. by 6h. A.M. on the 24th; and increased to 30·27 in. by the end of the week.

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1898.

OFFICIAL COPY.

# WEEKLY RETURN

OF

# BIRTHS AND DEATHS IN LONDON

AND IN

# THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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No. 52. 1898. Vol. LIX.] WEEK ENDING SATURDAY, DEC. 31. [Price 1½*d.*

*General Register Office, Somerset House,*
*January 2nd*, 1899.

## THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 19·1 per 1000 of their aggregate population, which is estimated* at 11,218,378 persons in the middle of the year 1898. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| Towns. | Weeks ending Dec. 10. | Dec. 17. | Dec. 24. | Dec. 31. | Towns. | Weeks ending Dec. 10. | Dec. 17. | Dec. 24. | Dec. 31. |
|---|---|---|---|---|---|---|---|---|---|
| **33 Great Towns** | **17·8** | **16·6** | **17·8** | **19·1** | Leicester - - | 15·7 | 14·0 | 12·5 | 15·2 |
| Birkenhead - | 20·3 | 15·2 | 14·3 | 15·7 | Liverpool - - | 22·0 | 19·9 | 22·1 | 23·1 |
| Birmingham - | 18·9 | 15·7 | 19·0 | 20·9 | London - - - | 16·7 | 16·5 | 17·0 | 18·4 |
| Blackburn - | 20·4 | 18·4 | 17·6 | 23·5 | Manchester - - | 20·1 | 20·9 | 23·0 | 23·3 |
| Bolton - - | 27·2 | 15·3 | 21·3 | 23·4 | Newcastle-on-Tyne | 18·7 | 14·3 | 18·9 | 21·3 |
| Bradford - | 16·1 | 14·9 | 16·3 | 17·8 | Norwich - - | 14·9 | 15·9 | 15·4 | 19·6 |
| Brighton - | 20·0 | 14·1 | 18·8 | 18·8 | Nottingham - - | 19·2 | 21·9 | 20·8 | 17·2 |
| Bristol - | 20·1 | 15·3 | 17·8 | 16·5 | Oldham - - | 15·8 | 14·4 | 20·4 | 23·6 |
| Burnley - | 20·9 | 12·4 | 13·8 | 16·2 | Plymouth - - | 17·9 | 17·9 | 18·4 | 22·6 |
| Cardiff - - | 16·4 | 14·7 | 10·6 | 14·1 | Portsmouth - - | 20·7 | 16·8 | 14·2 | 16·2 |
| Croydon - | 12·6 | 11·7 | 13·8 | 12·6 | Preston - - | 21·1 | 17·9 | 21·1 | 19·3 |
| Derby - - | 12·4 | 10·9 | 13·4 | 16·9 | Salford - - - | 18·4 | 15·5 | 25·4 | 17·4 |
| Gateshead - | 15·6 | 14·6 | 15·6 | 24·6 | Sheffield - - | 16·8 | 18·4 | 18·4 | 19·2 |
| Halifax - | 17·8 | 13·5 | 19·4 | 14·6 | Sunderland - - | 23·2 | 21·7 | 17·0 | 19·2 |
| Huddersfield - | 13·2 | 15·8 | 14·8 | 13·7 | Swansea - - | 23·0 | 21·5 | 30·2 | 21·0 |
| Hull - - | 15·4 | 12·0 | 15·0 | 19·3 | West Ham - - | 13·6 | 16·4 | 14·7 | 19·5 |
| Leeds - - | 18·8 | 16·8 | 17·8 | 18·8 | Wolverhampton - | 16·0 | 15·4 | 12·4 | 24·3 |

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·2 in Salford, 1·5 in Swansea, 1·8 in Manchester, and 2·6 in Nottingham; from *whooping-cough*, 1·0 in Swansea, in Gateshead, and in Huddersfield, 1·1 in Oldham, and 1·3 in Preston; from "*fever*," 1·0 in Derby and in Gateshead, and 1·3 in Bolton; and from *diarrhœa*, 1·0 in Derby, and 1·8 in Wolverhampton. In none of the thirty-three towns did the death-rate from *scarlet fever* reach 1·0 per 1000. The 106 deaths from *diphtheria* included 47 in London, 8 in West Ham, 7 in Sheffield, 6 in Birmingham, 5 in Swansea, 5 in Liverpool, 4 in Leicester, 4 in Leeds, 3 in Cardiff, 3 in Manchester, and 3 in Blackburn. No death from *small-pox* was registered in any of the thirty-three towns.

## LONDON.

In LONDON† 2215 BIRTHS and 1593 DEATHS were registered. Allowing for increase of population, the births were 56 above, and the deaths 437

* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong

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below, the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 16·7, 16·5, and 17·0 in the preceding three weeks, further rose last week to 18·4. During the four weeks ending on Saturday last the death-rate averaged 17·2 per 1000, being 4·3 per 1000 below the mean rate in the corresponding periods of the ten years 1888–97.

The 1593 deaths included 31 from measles, 12 from scarlet fever, 47 from diphtheria, 32 from whooping-cough, 15 from enteric fever, 1 from an ill-defined form of continued fever, 14 from diarrhœa and dysentery, and not one death from small-pox, from typhus, or from cholera; thus, 152 deaths were referred to these diseases, being 90 below the corrected average weekly number.

The deaths from *measles*, which had been 22, 31, and 24 in the preceding three weeks, rose again last week to 31, but were 56 below the corrected average; 6 cases belonged to Mile End Old Town, and 4 to Bethnal Green sanitary areas. The deaths from *scarlet fever*, which had been 11, 6, and 14 in the preceding three weeks, fell again last week to 12, and were 5 below the corrected average; 3 cases belonged to Lambeth, 2 to Battersea, 2 to Islington, and 2 to St. Pancras sanitary areas. The deaths from *diphtheria*, which had been 43, 40, and 46 in the preceding three weeks, further rose last week to 47, the corrected average being 48; 6 cases belonged to Newington, 6 to Bermondsey, 5 to Battersea, 3 to Camberwell, 3 to Wandsworth, 3 to Hackney, and 3 to St. Marylebone sanitary areas. The deaths from *whooping-cough*, which had been 22, 26, and 21 in the preceding three weeks, rose again last week to 32, but were 26 below the corrected average; 5 cases belonged to St. Pancras, and 4 to Islington sanitary areas. The fatal cases of *enteric fever*, which had been 26, 19, and 21 in the preceding three weeks, fell again last week to 15, the corrected average being 16; 2 cases belonged to St. George Hanover Square, 2 to St. Marylebone, 2 to Islington, and 2 to Battersea sanitary areas. The deaths from *diarrhœa*, which had been 19, 13, and 19 in the preceding three weeks, fell again last week to 14, which is also the corrected average. The deaths referred to diseases of the respiratory organs, which had been 295, 283, and 284 in the preceding three weeks, rose last week to 306, but were 291 below the corrected average. The deaths attributed directly to *influenza* numbered 15, having been 12, 13, and 12 in the preceding three weeks.

Different forms of violence caused 93 deaths, concerning all but 3 of which inquests were held. Of these 93 deaths, 8 were cases of suicide, and 1 of homicide, while the remaining 84 were attributed to accident or negligence. Four of these were referred to vehicles in the streets, 15 to burns and scalds, and 28 (of infants under one year of age) to suffocation in bed.

### Cases of Infectious Sickness in Hospitals*.

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2939 cases of scarlet fever, 1248 of diphtheria, and 255 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 225 cases, against 276, 260, and 221; of diphtheria, 166 cases, against 206, 155, and 171; and of enteric fever, 30 cases, against 29, 43, and 40.

### Greater London.

In Greater London 3034 births and 2069 deaths were registered, corresponding to annual rates of 24·7 and 16·8 per 1000 of the estimated population. In the Outer Ring 2 deaths from measles, 1 from scarlet fever, 25 from diphtheria, 4 from whooping-cough, 6 from "fever," and 4 from diarrhœa were registered. Ten fatal cases of diphtheria belonged to West Ham district, and 6 to Edmonton district.

### Meteorology.

The mean reading of the Barometer last week at Greenwich was 29·56 inches, and that of the Thermometer 43·3°; the latter being 4·8° above the week's average in the 50 years 1841–90. The direction of the wind was south-westerly, the horizontal movement of the air being 42 per cent. above the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 14·0 hours; the measured rainfall amounted to 0·81 of an inch.

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* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.

| Cities and Boroughs. | Population estimated to the middle of the Year 1898.* | Registered during the Week ending 31st December 1898. Births. | Deaths. | Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. | Per 1000, corresponding to the Week's Deaths. From All Causes. | From Diseases in Cols. 6–12. | Temperature of the Air. Highest. (Fahrenheit.) | Lowest. (Fahrenheit.) | Mean. Fahrenheit. | Mean. Centigrade. | Rainfall. In Inches. | In Centimetres. | Cities and Boroughs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | 24. | Cols. |
| **33 Towns** - | **11,218,378** | **5467** | **4105** | **948** | **1019** | **-** | **95** | **34** | **106** | **71** | **63** | **36** | **224** | **457** | **900** | **69** | **19·1** | **1·9** | **56·0** | **24·5** | **42·7** | **5·94** | **1·27** | **3·23** | **33 Towns.** |
| London - - | 4,504,766 | 2215 | 1593 | 339 | 429 | - | 31 | 12 | 47 | 32 | 16 | 14 | 93 | 209 | 483 | 17 | 18·4 | 1·8 | 55·1 | 29·0 | 43·3 | 6·28 | 0·81 | 2·06 | London. |
| West Ham - - | 286,654 | 150 | 107 | 30 | 23 | - | 2 | - | 8 | - | 1 | - | 10 | 14 | 17 | 3 | 19·5 | 2·0 | - | - | - | - | - | - | West Ham. |
| Croydon - - | 124,421 | 48 | 30 | 7 | 9 | - | - | - | - | 1 | 2 | 1 | - | 1 | 11 | - | 12·6 | 1·7 | 54·8 | 24·5 | 42·2 | 5·67 | 1·12 | 2·84 | Croydon. |
| Brighton - - | 122,310 | 58 | 44 | 7 | 12 | - | - | 1 | 2 | - | 1 | - | - | 2 | 9 | - | 18·8 | 1·7 | 54·0 | 23·2 | 44·8 | 7·11 | 1·62 | 4·11 | Brighton. |
| Portsmouth - | 186,618 | 85 | 58 | 12 | 19 | - | 1 | 1 | 1 | - | 3 | - | 1 | 1 | 11 | - | 16·2 | 1·7 | 54·5 | 31·0 | 45·5 | 7·50 | 1·57 | 3·99 | Portsmouth. |
| Plymouth - - | 99,136 | 40 | 43 | 7 | 18 | - | 1 | - | - | - | 1 | - | 1 | 2 | 4 | - | 22·6 | 1·1 | - | - | - | - | - | - | Plymouth. |
| Bristol - - | 316,900 | 123 | 100 | 25 | 33 | - | - | - | - | 2 | - | 1 | 4 | 12 | 15 | 2 | 16·5 | 0·5 | 56·0 | 29·0 | 44·6 | 7·00 | 1·43 | 3·63 | Bristol. |
| Cardiff - - | 177,770 | 98 | 48 | 16 | 10 | - | - | - | 3 | 2 | - | - | 2 | 6 | 8 | - | 14·1 | 1·5 | - | - | - | - | - | - | Cardiff. |
| Swansea - - | 102,001 | 48 | 41 | 10 | 3 | - | 3 | 1 | 5 | 2 | 1 | - | 1 | 4 | - | - | 21·0 | 6·1 | - | - | - | - | - | - | Swansea. |
| Wolverhampton | 88,051 | 43 | 41 | 7 | 12 | - | - | 1 | - | 1 | - | 3 | 2 | 5 | 13 | 1 | 24·3 | 3·0 | 52·0 | 27·2 | 41·2 | 5·11 | 1·52 | 3·86 | Wolverhampton. |
| Birmingham - | 510,343 | 265 | 205 | 61 | 44 | - | 7 | - | 6 | 2 | 3 | 1 | 15 | 24 | 31 | 7 | 20·9 | 1·9 | - | - | - | - | - | - | Birmingham. |
| Norwich - - | 111,699 | 52 | 42 | 14 | 13 | - | - | - | 2 | 1 | 1 | - | 1 | 3 | 6 | - | 19·6 | 1·9 | 55·4 | 26·2 | 41·6 | 5·33 | 0·50 | 1·27 | Norwich. |
| Leicester - - | 208,662 | 70 | 61 | 14 | 13 | - | - | 3 | 4 | - | 1 | 1 | 4 | 5 | 10 | 2 | 15·2 | 2·2 | - | - | - | - | - | - | Leicester. |
| Nottingham - | 236,137 | 107 | 78 | 24 | 18 | - | 12 | 1 | - | 4 | - | 1 | - | 4 | 4 | 1 | 17·2 | 4·0 | 55·0 | 26·4 | 42·7 | 5·94 | 0·82 | 2·08 | Nottingham. |
| Derby - - - | 104,834 | 52 | 34 | 11 | 9 | - | - | - | - | 1 | 2 | 2 | 3 | 3 | 9 | - | 16·9 | 2·5 | - | - | - | - | - | - | Derby. |
| Birkenhead - | 113,189 | 62 | 34 | 5 | 10 | - | - | - | - | - | - | - | 2 | 5 | 2 | 1 | 15·7 | - | - | - | - | - | - | - | Birkenhead. |
| Liverpool - - | 633,645 | 366 | 281 | 65 | 61 | - | 6 | 1 | 5 | 4 | 4 | 4 | 26 | 38 | 64 | 9 | 23·1 | 2·0 | 54·0 | 31·4 | 43·0 | 6·11 | 1·01 | 2·57 | Liverpool. |
| Bolton† - - | 122,495 | 70 | 55 | 6 | 13 | - | 2 | 1 | - | - | 3 | - | 2 | 4 | 9 | - | 23·4 | 2·6 | - | - | - | - | - | - | Bolton.† |
| Manchester - | 539,079 | 252 | 241 | 55 | 44 | - | 19 | 1 | 3 | 3 | 2 | 2 | 13 | 23 | 42 | - | 23·3 | 2·9 | - | - | - | - | - | - | Manchester. |
| Salford - - | 215,702 | 131 | 72 | 18 | 15 | - | 5 | - | 1 | - | 3 | 1 | 5 | 11 | 14 | - | 17·4 | 2·4 | - | - | - | - | - | - | Salford. |
| Oldham - - | 148,288 | 45 | 67 | 14 | 20 | - | 1 | 2 | - | 3 | 1 | - | - | 3 | 13 | - | 23·6 | 2·5 | - | - | - | - | - | - | Oldham. |
| Burnley - - | 109,546 | 38 | 34 | 8 | 6 | - | - | 1 | 1 | - | 1 | - | 2 | 3 | 2 | - | 16·2 | 1·4 | - | - | - | - | - | - | Burnley. |
| Blackburn - - | 133,228 | 64 | 60 | 12 | 15 | - | - | - | 3 | - | - | - | 1 | 4 | 8 | 1 | 23·5 | 1·2 | - | - | - | - | - | - | Blackburn. |
| Preston - - | 116,356 | 58 | 43 | 14 | 13 | - | - | - | 1 | 3 | 1 | - | - | 1 | 4 | 1 | 19·3 | 2·2 | - | - | - | - | - | - | Preston. |
| Huddersfield - | 102,454 | 30 | 27 | 7 | 5 | - | 1 | - | - | 2 | - | - | - | 1 | 4 | - | 13·7 | 1·5 | 52·0 | 24·5 | 40·4 | 4·67 | 1·95 | 4·95 | Huddersfield. |
| Halifax - - | 96,729 | 44 | 27 | 5 | 7 | - | - | - | - | 3 | - | - | - | 1 | 4 | - | 14·6 | 1·6 | - | - | - | - | - | - | Halifax. |
| Bradford - - | 233,737 | 80 | 80 | 15 | 23 | - | - | - | 1 | - | 2 | 3 | 1 | 4 | 9 | 4 | 17·8 | 1·3 | 52·0 | 27·8 | 42·1 | 5·61 | 1·63 | 4·27 | Bradford. |
| Leeds - - - | 416,618 | 203 | 150 | 44 | 23 | - | 2 | 3 | 4 | 1 | 4 | 1 | 9 | 19 | 24 | 3 | 18·8 | 1·9 | - | - | - | - | - | - | Leeds. |
| Sheffield - - | 356,478 | 207 | 131 | 28 | 33 | - | - | 2 | 7 | 2 | 5 | - | 9 | 15 | 17 | 3 | 19·2 | 2·3 | - | - | - | - | - | - | Sheffield. |
| Hull - - - | 229,887 | 111 | 85 | 18 | 28 | - | - | 1 | 1 | - | 3 | 1 | 2 | 7 | 14 | 4 | 19·3 | 1·4 | 55·0 | 26·0 | 41·4 | 5·22 | 1·26 | 3·20 | Hull. |
| Sunderland - | 143,849 | 79 | 53 | 13 | 10 | - | - | 1 | 1 | - | - | - | 5 | 9 | 7 | 1 | 19·2 | 0·7 | - | - | - | - | - | - | Sunderland. |
| Gateshead - - | 103,775 | 57 | 49 | 12 | 11 | - | 1 | 1 | - | 2 | 2 | - | 3 | 5 | 4 | - | 24·6 | 3·0 | - | - | - | - | - | - | Gateshead. |
| Newcastle - - | 223,021 | 116 | 91 | 25 | 17 | - | 1 | - | - | - | - | - | 7 | 9 | 23 | - | 21·3 | 0·2 | - | - | - | - | - | - | Newcastle. |

* See note * on first page of this return.

† The recent extension of the Borough of Bolton will not be taken into account in the Weekly Returns until 1899

TABLE 2. LONDON.—**Births** and **Deaths** Registered in the FIFTY-SECOND Week of each of the Eleven Years, 1888–98.

| | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | Corrected Weekly Average in 10 Years 1888–97.* | 1898 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 1876 | 1815 | 1771 | 3181 | 2120 | 2106 | 1950 | 1501 | 1829 | 2363 | 2158·5 | 2215 |
| Males | 974 | 927 | 873 | 1652 | 1063 | 1063 | 1061 | 758 | 904 | 1197 | 1102·0 | 1154 |
| Females | 902 | 888 | 898 | 1529 | 1057 | 1043 | 889 | 743 | 925 | 1166 | 1056·5 | 1061 |
| TOTAL **Deaths** | 1641 | 1690 | 2231 | 3399 | 1830 | 1920 | 1434 | 1502 | 1279 | 2360 | 2029·5 | 1593 |
| Males | 846 | 869 | 1069 | 1640 | 969 | 910 | 775 | 775 | 648 | 1195 | 1020·3 | 828 |
| Females | 795 | 821 | 1162 | 1759 | 861 | 1010 | 659 | 727 | 631 | 1165 | 1009·2 | 765 |

*The numbers in this column are the average weekly numbers in the fifty-second week of the ten years 1888–97, raised by 5·230 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

| | Oct. 8. | Oct. 15. | Oct. 22, | Oct. 29. | Nov. 5. | Nov. 12. | Nov. 19. | Nov. 26. | Dec. 3. | Dec. 10. | Dec. 17. | Dec. 24. | Dec. 31. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL **Births** | 2554 | 2454 | 2468 | 2652 | 2530 | 2696 | 2585 | 2155 | 2575 | 2577 | 2519 | 2422 | 2215 |
| TOTAL **Deaths** | 1620 | 1600 | 1497 | 1411 | 1394 | 1405 | 1436 | 1439 | 1569 | 1447 | 1423 | 1470 | 1593 |
| Ages at Death: Under 1 year | 498 | 415 | 351 | 349 | 357 | 328 | 310 | 320 | 362 | 289 | 286 | 292 | 339 |
| 1—5 years | 182 | 180 | 167 | 169 | 155 | 158 | 171 | 157 | 203 | 166 | 176 | 189 | 188 |
| 5—20 ,, | 76 | 95 | 93 | 82 | 73 | 76 | 98 | 95 | 78 | 77 | 88 | 100 | 95 |
| 20—40 ,, | 180 | 204 | 199 | 178 | 198 | 191 | 197 | 198 | 190 | 196 | 174 | 213 | 188 |
| 40—60 ,, | 314 | 324 | 320 | 282 | 276 | 293 | 305 | 287 | 297 | 320 | 317 | 292 | 354 |
| 60—80 ,, | 291 | 307 | 290 | 287 | 258 | 299 | 286 | 302 | 349 | 331 | 303 | 316 | 350 |
| 80 years and upwards | 79 | 75 | 77 | 64 | 77 | 60 | 69 | 80 | 90 | 68 | 79 | 68 | 79 |
| Deaths from— | | | | | | | | | | | | | |
| Small pox | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Measles | 7 | 9 | 12 | 19 | 23 | 19 | 19 | 24 | 25 | 22 | 31 | 24 | 31 |
| Scarlet Fever | 7 | 7 | 14 | 10 | 13 | 17 | 12 | 7 | 9 | 11 | 6 | 14 | 12 |
| Diphtheria | 34 | 41 | 30 | 46 | 28 | 31 | 44 | 38 | 43 | 43 | 40 | 46 | 47 |
| Whooping-cough | 18 | 17 | 10 | 13 | 10 | 13 | 14 | 16 | 28 | 22 | 26 | 21 | 32 |
| Typhus | – | – | – | – | 1 | – | – | – | – | 1 | – | – | – |
| Enteric Fever | 6 | 18 | 28 | 20 | 29 | 27 | 28 | 33 | 21 | 26 | 19 | 21 | 15 |
| Simple Continued Fever | – | – | – | 2 | – | – | – | – | – | – | – | – | 1 |
| Diarrhœa and Dysentery | 138 | 99 | 48 | 33 | 34 | 17 | 16 | 6 | 17 | 19 | 13 | 19 | 14 |
| Cholera | 1 | 1 | – | 1 | – | – | – | 1 | – | – | – | – | – |
| All the above Diseases | 211 | 193 | 142 | 144 | 138 | 124 | 133 | 125 | 143 | 144 | 135 | 145 | 151 |
| Dis. of Respiratory System | 226 | 263 | 263 | 262 | 237 | 248 | 285 | 280 | 340 | 295 | 283 | 284 | 306 |
| Phthisis | 148 | 173 | 169 | 140 | 135 | 155 | 183 | 148 | 161 | 158 | 143 | 156 | 165 |
| Dis. of Circulatory System | 140 | 143 | 137 | 125 | 130 | 133 | 125 | 145 | 145 | 140 | 123 | 136 | 157 |
| Violence | 76 | 56 | 52 | 63 | 50 | 71 | 67 | 66 | 76 | 53 | 72 | 73 | 93 |
| Inquest Cases | 147 | 145 | 121 | 135 | 114 | 143 | 137 | 139 | 179 | 131 | 146 | 153 | 209 |
| Deaths in Public Institutions | 483 | 489 | 459 | 459 | 433 | 451 | 468 | 473 | 446 | 474 | 449 | 470 | 488 |
| TEMPERATURE OF THE AIR. | | | | | | | | | | | | | |
| Mean | 56°·1 | 49°·5 | 55°·3 | 55°·5 | 49°·8 | 49°·6 | 48°·0 | 41°·7 | 44°·1 | 49°·4 | 48°·0 | 40°·1 | 43°·3 |
| Mean of Highest readings | 62·4 | 55·1 | 60·0 | 61·0 | 56·5 | 56·0 | 52·5 | 45·2 | 47·6 | 52·7 | 51·9 | 45·3 | 48·1 |
| Mean of Lowest readings | 50·1 | 44·5 | 50·8 | 50·6 | 43·0 | 44·0 | 43·1 | 37·3 | 39·5 | 45·1 | 43·0 | 34·6 | 36·8 |
| Humidity of the Air | 82 | 86 | 87 | 82 | 79 | 93 | 89 | 90 | 85 | 83 | 83 | 80 | 84 |
| Rain-fall (in inches) | 0·02 | 0·42 | 1·42 | 1·03 | 0·52 | 0·02 | 0·02 | 1·88 | 0·26 | 1·34 | 0·00 | 0·02 | 0·81 |
| Registered Sunshine (in hours) | 18·3 | 12·5 | 10·9 | 22·2 | 28·7 | 27·2 | 10·7 | 7·0 | 5·6 | 6·7 | 0·8 | 12·9 | 14·0 |
| CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK. | | | | | | | | | | | | | |
| Small-pox | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Scarlet Fever | 2606 | 2728 | 2915 | 3031 | 3092 | 3188 | 3259 | 3162 | 3142 | 3090 | 3043 | 2901 | 2939 |
| Diphtheria | 1052 | 1125 | 1169 | 1187 | 1241 | 1251 | 1251 | 1250 | 1274 | 1314 | 1310 | 1261 | 1248 |
| Enteric Fever | 176 | 191 | 214 | 223 | 230 | 242 | 252 | 266 | 286 | 286 | 285 | 266 | 255 |

* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(*See* TABLE **1.**) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton: A. W. Preston, Esq. F.R. Met. Soc., Norwich: John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott. Esq., Bristol; E. Simpson, Esq., Wrottesley Wolverhampton; Arthur Brown. Esq., M.Inst. C.E., and F. Boobbyer Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst.C.E., Bradford; and Mr. E. Peak, Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FIFTY-SECOND Week of the Year 1898.

| CAUSES OF DEATH | Corrected Averages for the 52nd Week of the 10 years 1888-97*. | In the Week ending Saturday, 31st December 1898. Deaths of Persons of the Ages: All Ages. | Under 20. 0-1 | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| CAUSES - - - | 2029·5 | 1593 | 339 | 188 | 95 | 188 | 354 | 350 | 79 |
| all-pox { Vaccinated† - | 0·1 | - | - | - | - | - | - | - | - |
| { Unvaccinated | 0·1 | - | - | - | - | - | - | - | - |
| { No Statement | - | - | - | - | - | - | - | - | - |
| asles - - - - | 87·3 | 31 | 4 | 25 | 2 | - | - | - | - |
| arlet Fever - - - | 17·4 | 12 | - | 8 | 3 | 1 | - | - | - |
| phus - - - - | 0·2 | - | - | - | - | - | - | - | - |
| apsing Fever - - | - | - | - | - | - | - | - | - | - |
| uenza - - - - | 22·7 | 15 | - | 1 | 1 | 5 | 4 | 2 | 2 |
| ooping-cough - - | 58·1 | 32 | 12 | 20 | - | - | - | - | - |
| phtheria - - | 47·9 | 47 | 2 | 23 | 20 | 2 | - | - | - |
| ple Continued and Ill-defined Fever - | 0·5 | 1 | - | - | - | - | - | 1 | - |
| eric Fever - - - | 15·7 | 15 | - | 2 | 6 | 5 | 2 | - | - |
| olera and Chol. Diarr. | 0·1 | - | - | - | - | - | - | - | - |
| rrhœa, Dysentery - | 14·1 | 14 | 9 | 2 | - | - | 1 | 2 | - |
| nittent Fever - - | 0·3 | - | - | - | - | - | - | - | - |
| drophobia - - - | 0·1 | - | - | - | - | - | - | - | - |
| nders - - - - | - | - | - | - | - | - | - | - | - |
| vpox and Effects of Vaccination - - | 0·1 | - | - | - | - | - | - | - | - |
| ereal Affections - - | 8·9 | 6 | 4 | - | - | - | 2 | - | - |
| sipelas - - - | 5·5 | 6 | 2 | - | - | 1 | 2 | 1 | - |
| emia and Septicæmia | 2·4 | 1 | - | - | - | - | 1 | - | - |
| erperal Fever - - | 5·9 | 3 | - | - | - | 3 | - | - | - |
| er Zymotic Diseases | 1·6 | - | - | - | - | - | - | - | - |
| rush - - - - | 0·6 | - | - | - | - | - | - | - | - |
| rms and other Parasitical Diseases - | 0·6 | 2 | - | - | 1 | 1 | - | - | - |
| rvation, Want of Breast-milk - - | 2·4 | - | - | - | - | - | - | - | - |
| pholism - - - | 10·2 | 25 | - | - | 1 | 5 | 16 | 3 | - |
| eumatic Fever, Rheumatism of Heart | 7·2 | 5 | - | - | 2 | - | 2 | 1 | - |
| eumatism - - - | 2·6 | - | - | - | - | - | - | - | - |
| nt - - - - - | 3·5 | 3 | - | - | - | - | - | 3 | - |
| kets - - - - | 4·7 | 4 | 1 | 3 | - | - | - | - | - |
| ncer - - - - | 65·8 | 64 | - | - | 1 | 9 | 26 | 28 | - |
| nes Mesenterica - - | 20·7 | 11 | 7 | 1 | 2 | - | 1 | - | - |
| ercular Meningitis - | 22·6 | 16 | 4 | 9 | 2 | - | 1 | - | - |
| phisis - - - - | 181·3 | 165 | - | 3 | 11 | 67 | 69 | 14 | 1 |
| rofula, Tuberculosis - | 19·5 | 13 | 5 | 3 | 4 | 1 | - | - | - |
| her Constitutional Diseases - - | 10·8 | 6 | - | - | 2 | - | 1 | 3 | - |
| maturе Birth - - | 47·7 | 53 | 53 | - | - | - | - | - | - |
| electasis - - - | 5·8 | 3 | 3 | - | - | - | - | - | - |
| ngenital Malformations - - - | 7·5 | 3 | 3 | - | - | - | - | - | - |
| Age - - - - | 64·6 | 72 | - | - | - | - | - | 35 | 37 |
| oplexy - - - | 50·7 | 67 | - | - | - | 6 | 25 | 30 | 6 |
| pilepsy - - - - | 8·4 | 5 | - | 1 | - | 2 | - | 2 | - |
| nvulsions - - - | 39·0 | 34 | 30 | 4 | - | - | - | - | - |
| her Diseases of Brain and Nervous System | 93·9 | 95 | 7 | 7 | 8 | 14 | 18 | 35 | 6 |
| eases of Organs of Special Sense - | 3·1 | 1 | - | 1 | - | - | - | - | - |

| CAUSES OF DEATH | Corrected Averages for the 52nd Week of the 10 years 1888-97*. | In the Week ending Saturday, 31st December 1898. Deaths of Persons of the Ages: All Ages. | Under 20. 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Circulatory System - - | 171·8 | 157 | - | 1 | 7 | 20 | 57 | 67 | 5 |
| Croup - - - - | 6·4 | 1 | - | 1 | - | - | - | - | - |
| Bronchitis - - - | 381·2 | 179 | 47 | 15 | 1 | 7 | 35 | 60 | 14 |
| Pneumonia - - - | 151·1 | 95 | 28 | 32 | 2 | 8 | 16 | 8 | 1 |
| Pleurisy - - - - | 7·8 | 7 | 1 | 1 | 2 | 1 | - | 2 | - |
| Other Diseases of Respiratory System - | 50·6 | 24 | 10 | 2 | 1 | 1 | 5 | 4 | 1 |
| Dentition - - - - | 12·6 | 5 | 3 | 2 | - | - | - | - | - |
| Quinsy, Sore Throat - | 1·2 | 2 | - | 1 | 1 | - | - | - | - |
| Enteritis - - - - | 10·1 | 14 | 5 | 4 | 2 | 1 | 2 | - | - |
| Peritonitis - - - | 6·0 | 4 | - | - | - | 2 | 1 | - | 1 |
| Diseases of Liver - - | 22·9 | 23 | 1 | 1 | - | 5 | 8 | 8 | - |
| Other Diseases of Digestive System | 30·6 | 29 | 6 | 4 | 1 | 1 | 11 | 5 | 1 |
| Diseases of Lymphatic System & of Ductless Glands - - - | 3·2 | 4 | - | - | 1 | 2 | - | 1 | - |
| Diseases of Urinary System - - - | 52·2 | 57 | 1 | 4 | 4 | 7 | 20 | 19 | 2 |
| Diseases of Generative System - - - | 5·7 | 2 | - | - | - | - | 2 | - | - |
| Accidents of Childbirth - | 6·0 | - | - | - | - | - | - | - | - |
| Diseases of Locomotive System - - - | 6·5 | 6 | - | - | - | 3 | 2 | 1 | - |
| Diseases of Integumentary System - - | 7·1 | 7 | 3 | - | - | 1 | 2 | 1 | - |
| VIOLENT DEATHS.‡ (ACCIDENT.) | | | | | | | | | |
| By Railways - - - | 67·5 | 6 | - | - | 2 | 3 | - | 1 | - |
| By Vehicles or Horses - | | 4 | - | - | 1 | 1 | 1 | 1 | - |
| In Ships, Boats, Docks, (exclusive of Drowning) - - - | | 3 | - | - | - | - | 3 | - | - |
| In Building Operations - | | 1 | - | - | - | - | 1 | - | - |
| In Conflagrations - | | - | - | - | - | - | - | - | - |
| By Burns, Scalds, Explosions - - - | | 15 | 1 | 6 | 4 | - | 2 | 1 | 1 |
| By Drowning - - - | | 3 | - | - | - | 1 | 1 | 1 | - |
| By Suffocation in Bed - | | 28 | 28 | - | - | - | - | - | - |
| By Poisons or Poisonous Vapours - - | | 2 | 1 | - | - | - | 1 | - | - |
| Other or not stated causes - - - - | | 22 | 6 | 1 | - | - | 10 | 4 | 1 |
| (VIOLENCE OTHER THAN ACCIDENTAL). | | | | | | | | | |
| Homicide - - - | 1·6 | 1 | 1 | - | - | - | - | - | - |
| Suicide - - - - | 6·5 | 8 | - | - | - | 1 | 3 | 4 | - |
| Execution - - - | - | - | - | - | - | - | - | - | - |
| OTHER CAUSES - | 53·7 | 54 | 51 | - | - | 1 | 1 | 1 | - |

The numbers in this column are the average weekly deaths for the ten years 1888-97, raised by 5·230 per cent. for increase population.

Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered edical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the use of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of cident, murder manslaughter or suicide. All such cases are classed under "accident."

TABLE 5. LONDON.*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEAS SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in e SUB-DISTRICT during the Week ending Saturday, 31st December, 1898.

| REGISTRATION SUB-DISTRICTS. | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LONDON - - - | 4,411,710 | 2215 | 1593 | 339 | 429 | – | 31 | 12 | 47 | 32 | – | 15 | 1 | 14 | 93 | 209 | 488 |
| WEST DISTRICTS - - - | 778,251 | 330 | 273 | 46 | 85 | – | – | 2 | 4 | 6 | – | 3 | – | – | 14 | 33 | 114 |
| NORTH DISTRICTS - - - | 1,040,694 | 476 | 352 | 73 | 97 | – | 6 | 3 | 6 | 10 | – | 4 | – | 1 | 19 | 41 | 90 |
| CENTRAL DISTRICTS - - - | 233,635 | 121 | 91 | 19 | 27 | – | 1 | – | – | – | – | 1 | 1 | 1 | 5 | 15 | 38 |
| EAST DISTRICTS - - - | 716,334 | 445 | 289 | 68 | 55 | – | 19 | – | 8 | 3 | – | 1 | – | 2 | 20 | 60 | 84 |
| SOUTH DISTRICTS - - - | 1,642,796 | 843 | 563 | 133 | 153 | – | 5 | 6 | 29 | 13 | – | 6 | – | 10 | 35 | 59 | 137 |
| METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* | — | – | 25 | – | 12 | – | – | 1 | – | – | – | – | – | – | – | 1 | 25 |
| WEST DISTRICTS. | | | | | | | | | | | | | | | | | |
| St. Mary Paddington *WHH* G. & W. | 90,996 | 43 | 26 | 5 | 9 | – | – | – | – | 2 | – | 1 | – | – | – | 2 | 3 |
| St. John Paddington *H* - - G. | 33,510 | 7 | 11 | – | 4 | – | – | – | – | – | – | – | – | – | 2 | 3 | 4 |
| Kensington Town *Ww* - - W. | 122,164 | 56 | 45 | 9 | 13 | – | – | – | – | 1 | – | 1 | – | – | 2 | 4 | 22 |
| Brompton *HH*- - - W & C. | 48,301 | 5 | 14 | – | 5 | – | – | – | – | 1 | – | – | – | – | – | – | 7 |
| St. Peter Hammersmith - - W. | 9,097 | 4 | 3 | – | 2 | – | – | – | – | – | – | – | – | – | – | 2 | – |
| St. Paul Hammersmith *HH* W. & G. | 25,102 | 53 | 36 | 9 | 10 | – | – | – | – | 1 | – | – | – | – | 3 | 10 | 6 |
| Fulham *Ww* - - - W. & C. | 113,781 | 78 | 44 | 13 | 11 | – | – | 2 | 4 | 1 | – | – | – | – | 1 | 1 | 22 |
| Chelsea Kensal Town - C. | 21,450 | 8 | 4 | 2 | 1 | – | – | – | – | – | – | – | – | – | 1 | 2 | – |
| Chelsea North *WHHHHH* - C. | 42,057 | 13 | 23 | 3 | 7 | – | – | – | – | – | – | – | – | – | – | 2 | 15 |
| Chelsea South *HH* - - C. | 33,139 | 10 | 9 | 1 | 3 | – | – | – | – | – | – | – | – | – | – | 1 | 1 |
| May Fair *W* - - - - G. | 23,827 | 4 | 13 | – | 5 | – | – | – | – | – | – | – | – | – | 1 | 1 | 10 |
| Belgrave *WHHH* - - - C. | 56,140 | 19 | 16 | 1 | 5 | – | – | – | – | – | – | – | – | – | 2 | 3 | 10 |
| St. John Westminster *HH* - C. | 31,492 | 13 | 5 | – | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| St. Margaret Westminster *H*- C. | 22,097 | 4 | 13 | – | 4 | – | – | – | – | – | – | 1 | – | – | 2 | 2 | 10 |
| St. James Westminster *WHH* N. & G. | 23,050 | 7 | 6 | 1 | 5 | – | – | – | – | – | – | – | – | – | – | – | 3 |
| St. Anne Soho *HHHHHH* - N. | 12,048 | 6 | 5 | 2 | – | – | – | – | – | – | – | | – | – | – | – | 1 |
| NORTH DISTRICTS. | | | | | | | | | | | | | | | | | |
| All Souls Marylebone *HHHHHHHHH* - - W. | 36,595 | 14 | 18 | 3 | 3 | – | – | – | – | – | – | 1 | – | – | 2 | 3 | 6 |
| Rectory Marylebone *W* G. & W. | 19,798 | 4 | 6 | 2 | 2 | – | – | – | – | – | – | – | – | – | – | 2 | 3 |
| St. Mary Marylebone *HHHH* G. & W. | 19,637 | 22 | 5 | 2 | 1 | – | – | – | 1 | – | – | – | – | – | – | 1 | – |
| Christchurch Marylebone *H* - W | 32,547 | 16 | 6 | 2 | 1 | – | – | – | – | – | – | – | – | – | – | – | – |
| St. John Marylebone *HHH* W. | 32,611 | 12 | 8 | 3 | 3 | – | – | – | – | – | – | – | – | – | – | 1 | – |
| Hampstead *WwHHHH* - N. & W. | 75,449 | 26 | 16 | 2 | 5 | – | – | 2 | 1 | – | – | – | – | – | 1 | 3 | 4 |
| Regent's Park Pancras *HH* - W. | 37,341 | 16 | 11 | 4 | 3 | – | – | – | – | 3 | – | – | – | – | – | – | – |
| Tottenham-court *wHHHH* - N. & W. | 26,757 | 7 | 15 | 2 | 3 | – | – | – | – | – | – | – | – | – | – | – | 10 |
| Gray's Inn Lane *HHH* - - N. | 29,426 | 19 | 13 | 2 | 4 | – | – | – | – | 1 | – | – | – | – | 1 | 1 | 5 |
| Somers Town *HH* - - - N. | 32,161 | 22 | 18 | 3 | 4 | – | 2 | – | – | – | – | – | – | 1 | 2 | 5 | 3 |
| Camden Town *WH* - - N. | 16,669 | 7 | 6 | – | 5 | – | – | – | – | – | – | – | – | – | 1 | 2 | 3 |
| Kentish Town *WW* - - N. | 98,410 | 43 | 35 | 11 | 3 | – | 1 | – | 1 | 1 | – | – | – | – | 4 | 4 | 12 |
| Upper Holloway *WWWwHH* - - N. | 98,273 | 41 | 55 | 8 | 17 | – | – | – | – | 1 | – | – | – | – | 3 | 3 | 27 |
| Islington South-west *H* - N. | 107,365 | 47 | 25 | 5 | 7 | – | – | – | – | 3 | – | 1 | – | – | – | 1 | – |
| Islington South-east - - N. | 66,549 | 39 | 14 | 3 | 6 | – | – | – | – | – | – | – | – | – | 1 | 4 | – |
| Highbury *HH* - - - N. | 64,577 | 17 | 25 | 3 | 10 | – | – | 1 | – | – | – | 1 | – | – | – | 2 | – |
| Stoke Newington *H* - - N. | 33,485 | 10 | 9 | 3 | 3 | – | – | – | – | – | – | – | – | – | – | – | – |
| North Hackney - - E. & N. | 213,044 | 24 | 14 | 3 | 7 | – | – | – | – | – | – | – | – | – | 1 | 1 | – |
| Central Hackney *ww* - E. & N. | | 19 | 13 | 2 | 5 | – | – | – | 2 | 1 | – | – | – | – | – | 1 | 2 |
| South-west Hackney *HHH* E. & N. | | 34 | 19 | 5 | 1 | – | – | – | 1 | – | – | – | – | – | 2 | 3 | 6 |
| South-east Hackney *WwH* E. & N. | | 37 | 21 | 5 | 4 | – | 3 | – | – | – | – | 1 | – | – | 1 | 4 | 9 |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated ther namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers received; *w*—Workhouse Establishment receiving inmates from other Districts than that in which it stands. R man capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junc Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River; E, F London; and K. the Kent Company.

See note † on first page of this Return

LE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday, 31st December, 1898—*continued.*

| EGISTRATION SUB-DISTRICTS | Enumerated Population. 1896. | Total BIRTHS. | Total DEATHS | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence | Inquest Cases. | Deaths in Public Institutions | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CENTRAL DISTRICTS. | | | | | | | | | | | | | | | | | | |
| eorge Bloomsbury - - N. | 16,110 | 2 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| iles South *WH* - - N. | 12,976 | 2 | 8 | 1 | 3 | - | - | - | - | - | - | - | - | - | - | 2 | 5 | - |
| iles North *H* - - - N. | 9,151 | 3 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| artin-in-the-Fields *HH* N. & C. | 13,077 | 4 | 8 | - | 2 | - | - | - | - | - | - | - | - | - | 1 | 1 | 5 | - |
| nd *WHH* - - - - N. | 11,839 | 4 | 10 | 3 | 4 | - | - | - | - | - | - | 1 | - | - | - | 1 | 8 | - |
| *nd Union Workhouse, Edmonton* | †*1,037* | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| orn *wHHHHHHH* - N. | 31,042 | 15 | 10 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | 2 | 2 | - |
| ames Clerkenwell - - N. | 15,777 | 9 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ell Clerkenwell - - N. | 34,356 | 21 | 8 | 2 | 3 | - | 1 | - | - | - | - | - | - | 1 | 1 | 1 | - | - |
| well-street - - - - N. | 16,069 | 6 | 5 | 3 | 1 | - | - | - | - | - | - | - | - | - | 2 | 3 | - | - |
| -road *HHHL* - - - N. | 29,897 | 42 | 13 | 6 | 2 | - | - | - | - | - | - | - | - | - | 1 | 3 | 2 | - |
| ecross-street - - - N. | 7,595 | 4 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| bury - - - - - N. | 4,035 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| *orn Union Workhouse, tcham* - - - - | †*892* | - | 3 | - | 3 | - | - | - | - | - | - | - | - | - | - | - | 3 | - |
| otolph *H* - - N. & E. | 6,870 | 4 | 4 | 1 | 1 | - | - | - | - | - | - | - | 1 | - | - | 1 | - | - |
| plegate - - - - N. | 3,299 | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| epulchre *WH* - - - N. | 9,591 | 4 | 12 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | 12 | - |
| allows Barking - - - N. | 9,059 | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| d Street *H* - - - N. | 2,892 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| *of London Asylum, Stone* - - | †*388* | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| EAST DISTRICTS. | | | | | | | | | | | | | | | | | | |
| editch South *Hl* - E. & N. | 17,975 | 4 | 4 | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| ton New Town *w* - - N. | 29,575 | 18 | 12 | 4 | 6 | - | - | - | - | 1 | - | - | - | - | 1 | 2 | 5 | - |
| ton Old Town - - - N. | 27,645 | 21 | 9 | 3 | 2 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| gerston *WH* - - N. & E. | 47,163 | 22 | 21 | 3 | 5 | - | 2 | - | 1 | - | - | - | - | - | 1 | 4 | 7 | - |
| nal Green North *H* - E. | 49,301 | 43 | 16 | 2 | 6 | - | 2 | - | - | - | - | - | - | - | 1 | 1 | - | - |
| nal Green South - - E. | 34,194 | 18 | 11 | 2 | 1 | - | 2 | - | 1 | - | - | - | - | - | 2 | 4 | - | - |
| nal Green East *WHl* - E. | 45,667 | 26 | 28 | 2 | 6 | - | - | - | - | - | - | - | - | - | 1 | 4 | 12 | - |
| alfields - - - E. & N. | 26,681 | 20 | 12 | 5 | 2 | - | 3 | - | - | - | - | - | - | - | - | 5 | - | - |
| End New Town *W* - E. | 12,816 | 11 | 13 | 1 | 2 | - | - | - | - | - | - | - | - | 1 | - | 4 | 10 | - |
| techapel Church *H* - E. & N. | 25,561 | 13 | 28 | 3 | 3 | - | - | - | 1 | - | - | - | - | - | 4 | 5 | 23 | - |
| lman's Fields - - - E. | 13,618 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| eorge's North - - - E. | 39,576 | 26 | 9 | 3 | - | - | - | - | - | 1 | - | - | - | - | 1 | 3 | - | - |
| ohn, St. George East *W* E. | 7,930 | 6 | 6 | 1 | 2 | - | - | - | - | - | - | - | - | - | 1 | 1 | 5 | - |
| well *H* - - - E. & N. | 10,434 | 1 | 8 | 4 | - | - | - | - | 1 | - | - | - | - | - | 1 | 2 | 6 | - |
| liff *W* - - - - E. | 14,954 | 9 | 5 | 1 | 1 | - | - | - | - | - | - | - | - | - | 1 | 2 | - | - |
| ehouse - - - - E. | 32,917 | 15 | 8 | 2 | 2 | - | 1 | - | - | - | - | - | - | - | - | 2 | - | - |
| End Old Town West *H* E. | 111,060 | 60 | 14 | 5 | 2 | - | - | - | 1 | - | - | 1 | - | - | 2 | 4 | - | - |
| End Old Town East *Www* - E. | | 30 | 20 | 10 | 2 | - | 6 | - | 1 | - | - | - | - | - | 1 | 4 | 1 | - |
| l - - - - E. | 41,687 | 23 | 10 | 1 | 3 | - | - | - | 1 | - | - | - | - | 1 | - | 3 | 1 | - |
| nley *wwwH* - - - E. | 69,821 | 38 | 37 | 8 | 8 | - | 1 | - | 1 | 1 | - | - | - | - | 2 | 6 | 14 | - |
| ar *WW* - - - - E. | 57,759 | 36 | 18 | 8 | 1 | - | 1 | - | - | - | - | - | - | - | 1 | 3 | - | - |

† Population in 1891, not included in the total population of the Central Districts or of London.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX MEA SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in SUB-DISTRICT during the Week ending Saturday, 31st December, 1898—*continued.*

| REGISTRATION SUB-DISTRICTS | Enumerated Population, 1896. | Total BIRTHS. | Total DEATHS. | The DEATHS registered during the Week include: Deaths of: Infants under 1 Year of Age. | Deaths of: Persons aged 60 Years and upwards. | Deaths from: Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple Continued Fever. | Diarrhœa. | Violence. | Inquest Cases. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH DISTRICTS. | | | | | | | | | | | | | | | | |
| Christchurch Southwark *WHL.&S.* | 13,064 | 9 | 4 | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 |
| St. Saviour Southwark - - S. | 12,301 | 8 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | 1 |
| Kent-road - - - - S. & L. | 22,879 | 15 | 10 | 2 | 2 | - | 2 | - | - | - | - | - | - | - | 3 | 3 |
| Borough-road *WH* - S. & L. | 16,083 | 10 | 5 | 2 | - | - | - | - | - | 1 | - | - | - | - | - | - |
| London-road *HL* - - L. & S. | 21,316 | 11 | 8 | - | 1 | - | - | - | - | 1 | - | - | - | - | 1 | 2 |
| Trinity Newington - - S. & L. | 28,723 | 20 | 14 | 6 | 4 | - | - | - | - | - | - | - | - | - | 1 | 3 |
| St. Peter Walworth *W* - S. & L. | 62,045 | 33 | 22 | 9 | 3 | - | 1 | - | - | 1 | - | - | - | - | 1 | 1 |
| St. Mary Newington- - L. & S. | 30,171 | 19 | 8 | 3 | 1 | - | 1 | - | - | 1 | - | - | - | 1 | - | - |
| St. Olave *WH* - - - - S. | 11,731 | 6 | 11 | 3 | 2 | - | - | - | - | - | - | - | - | - | 5 | 5 |
| Bermondsey* *W* - - - S. | 85,475 | 49 | 32 | 9 | 7 | - | 1 | - | 3 | - | - | - | - | - | 2 | 4 |
| Rotherhithe *WwH* - S. & K. | 40,379 | 22 | 16 | 2 | 4 | - | - | - | - | 1 | - | - | - | - | - | - |
| Waterloo-road *HH* - L. & S. | 28,396 | 22 | 8 | 3 | 2 | - | - | - | - | 1 | - | - | - | - | 1 | 1 |
| Lambeth Church 1st *H* - L. & S. | 18,770 | 6 | 15 | 1 | 4 | - | - | - | - | - | - | - | - | 1 | 3 | 4 |
| Lambeth Church 2nd *WW* L. & S. | 40,994 | 26 | 22 | 5 | 6 | - | - | - | - | - | - | - | - | 1 | 1 | 1 |
| Kennington 1st *H* - - S. & L. | 52,486 | 33 | 12 | 4 | 1 | - | - | - | 1 | - | - | 1 | - | - | - | 1 |
| Kennington 2nd - - S. & L. | 43,244 | 14 | 12 | 2 | 6 | - | - | - | - | - | - | - | - | 1 | 1 | 2 |
| Brixton *w* - - - L. & S. | 81,825 | 34 | 14 | 3 | 2 | - | - | 1 | 2 | - | - | - | - | - | - | 1 |
| Norwood *WH* - - - - L. | 29,318 | 9 | 6 | - | 2 | - | - | - | 1 | - | - | - | - | - | - | 1 |
| East Battersea - - - - S. | 71,730 | 37 | 19 | 4 | 4 | - | - | - | 1 | 2 | - | - | - | - | - | 3 |
| West Battersea *WwH* - - S | 93,385 | 47 | 40 | 9 | 11 | - | - | - | 1 | - | - | 1 | - | - | 7 | 12 |
| Clapham *H* - - - - S. | 46,953 | 23 | 14 | 3 | 6 | - | - | - | - | - | - | - | - | - | - | 1 |
| Wandsworth *WHHL* - - S. | 58,101 | 30 | 17 | 4 | 8 | - | - | - | - | 1 | - | - | - | - | 1 | 2 |
| Putney - - - - - S. | 20,566 | 12 | 4 | 1 | 1 | - | - | - | 2 | - | - | - | - | - | - | - |
| Streatham *WwwwL* - - L. | 61,644 | 19 | 19 | 4 | 6 | - | - | 4 | 2 | - | - | - | - | 1 | - | - |
| Dulwich - - - - L. & S. | 7,519 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Camberwell *Wwll* - S. & L. | 90,286 | 42 | 32 | 6 | 10 | - | - | - | - | 1 | - | 1 | - | 1 | 1 | 1 |
| Peckham *WW* - S., L., & K | 88,242 | 36 | 21 | 4 | 12 | - | - | - | - | - | - | - | - | - | 1 | 2 |
| St. George Camberwell - L. & S. | 67,029 | 39 | 21 | 9 | 4 | - | - | - | - | 1 | - | - | - | - | - | 1 |
| Deptford North - - - K. | 36,152 | 29 | 11 | 4 | 2 | - | - | - | - | 1 | - | - | - | - | 2 | 1 |
| Deptford Central *w* - - K. | 45,441 | 24 | 20 | 3 | 4 | - | - | - | 4 | - | - | 2 | - | - | 1 | - |
| Deptford South - - - K. | 33,402 | 16 | 10 | 1 | 2 | - | - | - | - | - | - | - | - | - | 1 | 1 |
| Greenwich West *H* - - K. | 23,012 | 19 | 4 | 2 | 2 | - | - | - | - | - | - | - | - | 1 | - | - |
| Greenwich East *WH* - - K. | 37 767 | 17 | 23 | 3 | 9 | - | - | - | - | - | - | - | - | 1 | - | - |
| Eltham *wH* - - - - K. | 5,911 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Lee *H* - - - - - K. | 24,222 | 7 | 6 | 1 | 4 | - | - | - | - | - | - | - | - | - | - | - |
| Lewisham *WwH* - - - K. | 38,139 | 14 | 25 | - | 8 | - | - | 1 | 9 | - | - | 1 | - | - | 1 | 1 |
| Sydenham *H* - - - - L. | 37,601 | 21 | 9 | 5 | 1 | - | - | - | - | 1 | - | - | - | - | - | 1 |
| Charlton *wHH* - - K. | 15,928 | 12 | 8 | 3 | 1 | - | - | - | 3 | - | - | - | - | - | - | - |
| Woolwich Dockyard - - K. | 19,355 | 5 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| Woolwich Arsenal *HHHH* - K. | 21,959 | 10 | 11 | 2 | 4 | - | - | - | - | - | - | - | - | 1 | - | - |
| Plumstead West *H* - - K. | 16,714 | 8 | 3 | 1 | - | - | - | - | - | - | - | - | - | 1 | - | - |
| Plumstead East *WH* - - K. | 42,538 | 27 | 22 | 8 | 7 | - | - | - | - | - | - | - | - | - | 1 | 2 |
| Banstead Asylum - - - - | — | - | 7 | - | 3 | - | - | - | - | - | - | - | - | - | - | - |
| Caterham Asylum - - - - | — | - | 3 | - | 2 | - | - | - | - | - | - | - | - | - | - | - |
| Cane Hill Asylum - - - - | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Hospital Ships and Camp, Dartford | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Darenth Asylum - - - - | — | - | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| London County Asylum, Dartford Heath - - - - - | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Hanwell Asylum - - - - | — | - | 6 | - | 2 | - | - | - | - | - | - | - | - | - | - | - |
| Colney Hatch Asylum - - - | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| N.E. Hospital - - - - - | — | - | 2 | - | - | - | - | 1 | - | - | - | - | - | - | - | - |
| Winchmore Hill Hospital - - | — | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Leavesden Asylum - - - - | — | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| Claybury Asylum - - - - | — | - | 4 | - | 3 | - | - | - | - | - | - | - | - | - | - | 1 |

* The two Sub-Districts of Leather Market and St. James Bermondsey were united on 1st September, and cal Bermondsey.

6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 31st December, 1898.

| REGISTRATION SUB-DISTRICTS. | Area in Acres. | Enumerated Population, 1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years & upwds. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NDON—OUTER RING - | 368,749 | 1,422,063 | 819 | 476 | 116 | 140 | – | 2 | 1 | 25 | 4 | 6 | 4 | 25 | 47 | 75 | 13 |
| Carshalton *wHH* - - | 12,228 | 26,108 | 11 | 5 | – | 1 | – | – | – | – | – | – | – | – | – | 1 | – |
| Epsom, *part of** *WwHH* - | 10,423 | 12,508 | 10 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – | 1 |
| Godstone, *part of** *W* - | 2,754 | 1,598 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Croydon *WwHHH* - - | 20,851 | 128,699 | 55 | 42 | 9 | 14 | – | – | – | – | 1 | 2 | 1 | – | 1 | 14 | – |
| Mitcham *w* - - - | 11,697 | 23,072 | 13 | 3 | 1 | 2 | – | – | – | – | – | – | – | – | 1 | – | – |
| Wimbledon *HHH* - - | 3,220 | 25,777 | 10 | 4 | – | 1 | – | – | – | 1 | – | – | – | – | – | – | – |
| Kingston *W* - - - | 14,672 | 33,566 | 19 | 8 | 3 | 1 | – | – | – | – | – | – | – | – | 1 | 4 | – |
| Surbiton *H*- - - - | | 12,178 | 2 | 3 | – | – | – | – | – | 1 | – | – | – | – | – | 2 | – |
| Esher, *part of** *HH* - - | | 11,080 | 4 | 3 | – | – | – | – | – | – | – | – | – | – | 1 | – | – |
| Hampton *HL* - - - | 4,565 | 18,252 | 3 | 5 | 1 | 3 | – | – | – | – | – | – | – | 1 | 3 | – | – |
| Richmond *WH*- - - | 2,160 | 25,389 | 9 | 12 | 2 | 6 | – | – | – | – | – | – | – | – | – | 2 | – |
| Mortlake *H* - - - | 2,823 | 16,159 | 4 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Bromley *HHH* - - - | 9,127 | 23,815 | 7 | 12 | 4 | 5 | – | – | – | 2 | – | – | – | – | – | 2 | 2 |
| Beckenham *H* - - - | 6,542 | 21,969 | 10 | 4 | – | 3 | – | – | – | – | – | – | – | – | – | – | 1 |
| Chislehurst, *part of** *WHH* | 14,307 | 20,372 | 6 | 8 | 1 | 1 | – | – | – | 1 | – | – | – | – | – | 1 | 2 |
| Bexley *HHH* - - - | 12,540 | 30,590 | 19 | 4 | 3 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Dartford *WH*, *part of** - | — | — | – | 1 | – | – | – | – | – | 1 | – | – | – | – | – | 1 | – |
| Sunbury *w* - - - | 11,054 | 13,671 | 7 | 5 | – | 2 | – | – | – | – | – | – | – | – | – | – | – |
| Staines *WH* - - - | 13,277 | 13,221 | 6 | 4 | 1 | 1 | – | – | – | – | – | – | – | – | – | 2 | – |
| Hillingdon *WHH* - - | 6,035 | 12,237 | 10 | 5 | – | 2 | – | – | – | 1 | – | – | – | 1 | – | 1 | 1 |
| Uxbridge - - - - | 12,757 | 7,253 | – | 2 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Hayes *wH*- - - - | 7,952 | 11,051 | 3 | 4 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Isleworth *WHH* - - | 6,967 | 26,004 | 18 | 11 | 4 | 4 | – | – | – | – | 1 | – | – | – | – | 4 | 1 |
| Twickenham *HH* - - | 2,415 | 16,027 | 7 | 3 | 1 | 2 | – | – | – | – | – | – | 1 | – | – | – | – |
| Brentford *HHHH* - - | 4,318 | 37,777 | 16 | 8 | – | 3 | – | – | – | – | – | – | – | – | – | – | – |
| Chiswick - - - - | 1,245 | 21,963 | 13 | 8 | 1 | 5 | – | – | – | – | – | – | – | – | – | – | – |
| Acton *wHH* - - - | 6,132 | 30,945 | 12 | 6 | – | 2 | – | – | – | 1 | – | – | – | – | – | – | – |
| Harrow *HHH* - - - | 13,809 | 15,715 | 8 | 6 | – | 6 | – | – | – | – | – | – | – | – | – | – | – |
| Edgware *HH* - - - | 6,994 | 3,844 | 4 | 1 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Willesden *HHH* - - | 4,383 | 61,265 | 52 | 10 | 4 | 3 | – | – | – | 1 | – | – | – | – | 1 | 1 | 1 |
| Hendon *WH* - - - | 8,382 | 15,843 | 9 | 11 | 1 | 3 | – | – | – | – | 1 | – | – | 2 | 2 | 3 | – |
| South Mimms *HH* - - | 21,077 | 6,367 | – | 1 | 1 | – | – | – | – | – | – | – | – | – | 1 | – | – |
| Barnet *WHH* - - - | | 14,152 | 7 | 4 | 1 | 1 | – | – | – | – | – | – | – | – | – | 1 | – |
| Finchley *HHH*- - - | 4,688 | 25,820 | 10 | 11 | 1 | 3 | – | – | – | – | – | 1 | – | 1 | 1 | – | – |
| Hornsey *HH* - - - | 3,039 | 61,097 | 28 | 21 | 5 | 9 | – | – | – | 1 | – | – | – | 1 | 3 | – | – |
| Tottenham *HH*- - - | 4,642 | 97,174 | 53 | 31 | 7 | 6 | – | – | – | 3 | – | – | – | 5 | 9 | 2 | – |
| Edmonton *Www* - - | 7,489 | 36,351 | 28 | 13 | 4 | 1 | – | – | – | – | – | – | – | 1 | 3 | 3 | – |
| Enfield *WWHH* - - | 12,602 | 31,536 | 17 | 9 | 2 | 2 | – | – | – | 1 | 1 | – | – | – | – | 1 | – |
| Waltham Abbey - - - | 11,017 | 6,066 | – | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Cheshunt *H* - - - | 8,480 | 9,620 | 10 | 7 | 5 | 1 | – | – | – | – | – | – | 1 | 1 | 1 | – | – |
| Hatfield, *part of** *W*- - | 3,306 | 582 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Bushey *H* - - - - | 9,331 | 7,737 | 3 | 2 | 1 | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Watford *WH*, *part of** - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Stratford *H* - - - | 4,706 | 38,612 | 24 | 21 | 10 | 4 | – | 1 | – | 2 | – | – | – | 4 | 5 | 1 | 2 |
| Plaistow *WHHH* - - | | 58,030 | 50 | 32 | 8 | 9 | – | – | – | 3 | – | 1 | – | 4 | 6 | 1 | – |
| Canning Town *H* - - | | 54,750 | 52 | 29 | 9 | 4 | – | 1 | – | 2 | – | – | – | 1 | 2 | 4 | 1 |
| Forest Gate *w* - - - | | 53,511 | 24 | 14 | 2 | 3 | – | – | – | 1 | – | – | – | 1 | 1 | – | – |
| East Ham *wH*- - - | 3,266 | 32,713 | 48 | 14 | 8 | 1 | – | – | 1 | – | – | – | – | 1 | 1 | 1 | 1 |
| Leyton *WWWwH* - - | 4,334 | 70,188 | 33 | 30 | 9 | 8 | – | – | – | – | – | – | 1 | – | 1 | 17 | – |
| Walthamstow *HHL*- - | 6,501 | 57,330 | 54 | 20 | 3 | 6 | – | – | – | 2 | – | 1 | – | 1 | 1 | – | – |
| Chigwell, *part of** *HHHH* | 11,779 | 12,941 | 3 | 1 | – | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Epping *WH*, *part of** - - | — | — | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Romford, *part of** *WH* - | 6,556 | 4,324 | 1 | 4 | – | 2 | – | – | – | – | – | – | – | – | – | – | – |
| Ilford - - - - - | 8,493 | 10,913 | 17 | 3 | – | 1 | – | – | – | – | – | – | – | – | 1 | – | – |
| Barking Town, *H* - - | 3,814 | 14,301 | 10 | 4 | 1 | 1 | – | – | – | – | – | 1 | – | – | 1 | 1 | – |
| Eastern Fever Hospital, Hackney. | — | — | – | 1 | – | – | – | – | – | 1 | – | – | – | – | – | 1 | – |
| Middlesex Co. Lunatic Asy., Wandsworth. | — | – | – | 4 | – | 2 | – | – | – | – | – | – | – | – | – | 4 | – |

e parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring follows:—30: 2, Epsom sub-district, except the parish of Ashtead (pop. 1,351); 37: 1, the parishes of Warlingham arley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst strict, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in d sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping .079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for ous Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford; and 187: 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 31st December, 1898.

| GREATER LONDON. | Area in Acres. | Population estimated in the middle of the year 1898. | Annual Rate of Mortality per 1000 living. From All Causes. | Annual Rate of Mortality per 1000 living. From Diseases in Cols. 8-14. | Deaths from All Causes. | The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age. | Deaths of Persons aged 60 Years and upwards. | Deaths from Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhœa. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cols. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10 | 11. | 12. | 13. | 14. |
| GREATER LONDON | 443,421 | 6,408,321 | 16·8 | 1·6 | 2069 | 455 | 569 | – | 33 | 13 | 72 | 36 | 22 | 18 |
| INNER LONDON - | 74,672 | 4,504,766 | 18·4 | 1·8 | 1593 | 339 | 429 | – | 31 | 12 | 47 | 32 | 16 | 14 |
| OUTER RING - | 368,749 | 1,903,555 | 13·0 | 1·2 | 476 | 116 | 140 | – | 2 | 1 | 25 | 4 | 6 | 4 |

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivale he area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

| CITIES | Population (enumerated or estimated). | Date of Return. Week ending | Births. (Exclusive of Stillborn) | Deaths. (Exclusive of Stillborn) | Annual Death-rate per 1000 living. | Deaths from Principal Zym Diseases. Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| EDINBURGH - | 295,628 | December 31 | – | – | – | – | – | – | – | – | – |
| GLASGOW - - | 724,349 | „ 31 | – | – | – | – | – | – | – | – | – |
| DUBLIN - - | 349,594 | „ 31 | 312 | 186 | 27·7 | – | – | 1 | 1 | 4 | 1 |
| CALCUTTA - - | 466,460 | November 19 | – | 235 | 26·2 | – | 1 | – | – | – | 75 |
| BOMBAY - - | 821,764 | December 13 | 269 | 668 | 42·3 | 1 | 2 | ? | ? | ? | 189† |
| MADRAS - - | 452,518 | „ 2 | 410 | 372 | 42·7 | 1 | 3 | ? | ? | ? | 36 |
| PARIS - - - | 2,511,629 | „ 24 | 1090 | 865 | 17·9 | – | 4 | 2 | 9* | 4 | 6 |
| BRUSSELS - - | 551,011 | „ 24 | 239 | 175 | 16·3 | – | 10 | 1 | 1* | 1 | 2 |
| AMSTERDAM - | 508,266 | „ 17 | 284 | 146 | 14·9 | – | 6 | – | 1 | 2 | – |
| ROTTERDAM - | 303,878 | „ 17 | 224 | 98 | 16·6 | – | 1 | – | 2 | 4 | 3 |
| THE HAGUE - | 196,325 | „ 17 | 124 | 61 | 16·2 | – | 3 | 1 | – | – | – |
| COPENHAGEN - | 345,000 | „ 24 | 143 | 119 | 18·0 | – | 2 | 3 | – | 1 | 1 |
| STOCKHOLM - | 283,550 | „ 17 | 129 | 83 | 15·2 | – | 2 | 1 | 5* | 2 | – |
| CHRISTIANIA - | 203,337 | „ 24 | 129 | 52 | 13·3 | – | – | – | 2 | 2 | – |
| ST. PETERSBURG | 1,132,677 | „ 17 | 524 | 543 | 25·0 | 2 | 6 | 5 | 19 | 8 | 13 |
| MOSCOW - - | 988,610 | „ 17 | – | 627 | 33·1 | 5 | 9 | 15 | 17 | 2 | 1 |
| BERLIN - - | 1,773,003 | „ 10 | – | – | – | – | – | – | – | – | – |
| HAMBURG - - | 661,015 | „ 24 | – | 167 | 13·1 | – | – | – | 1* | 5 | – |
| DRESDEN - - | 385,300 | November 26 | – | – | – | – | – | – | – | – | – |
| BRESLAU - - | 392,795 | December 24 | – | 109 | 14·5 | – | – | 5 | – | 3 | – |
| MUNICH - - | 430,000 | „ 24 | – | 171 | 20·7 | – | – | – | 5* | 5 | 2 |
| VIENNA - - | 1,590,295 | „ 24 | 805 | 594 | 19·2 | – | 14 | 6 | 15* | 2 | 1 |
| PRAGUE - - | 382,029 | „ 17 | 208 | 205 | 27·9 | – | 10 | 4 | 4 | – | 3 |
| BUDA-PESTH - | 648,104 | „ 17 | – | – | – | – | – | – | – | – | – |
| TRIESTE - - | 165,177 | „ 17 | – | – | – | – | – | – | – | – | – |
| ROME - - - | 499,861 | „ 3 | 241 | 144 | 15·0 | – | – | – | 1 | 1 | 11§ |
| TURIN (10 days) | 344,203 | November 30 | 218 | 150 | 15·9 | – | – | – | 4 | – | 4 |
| VENICE - - | 169,545 | December 10 | 74 | 61 | 18·8 | – | – | – | 5* | – | 1 |
| CAIRO - - | 570,062 | August 19 | – | – | – | – | – | – | – | – | – |
| ALEXANDRIA - | 319,766 | „ 19 | – | – | – | – | – | – | – | – | – |
| NEW YORK (including BROOKLYN) | 3,438,899 | December 3 | 1551 | 1123 | 17·0 | – | 2 | 5 | 24 | 8 | 16 |
| PHILADELPHIA - | 1,240,266 | „ 10 | – | 436 | 18·3 | – | – | – | 20 | 2 | 7 |

* Including deaths from croup.
† Including 94 deaths from "plague."
‡ Including 2 deaths from cholera.
§ Including 7 deaths from malarial fever.

| 1898. Month and Day | Phases of the Moon. | Mean daily reading (corrected and reduced to 32° Fahrenheit). | Of the Air. High-est. | Of the Air. Low-est | Of the Air. Daily Range. | Of the Air. Mean daily value. | Of the Air. Departure from Average of 50 years. | Of the Dew point. Mean daily value. | Difference between the Air Temperature and Dew Point Temperature. Mean daily value. | Difference. Great-est. | Difference. Least. | Degree of Humidity (Saturation equals 100). | Of Radiation. Highest in Sun's Rays. | Of Radiation. Lowest on the Grass. | Of the Earth 3 feet below the Surface. | Osler's. General Direction. A.M. | Osler's. General Direction. P.M. | Osler's. Pressure on the Square Foot. Great-est. | Osler's. Pressure on the Square Foot. Least. | Osler's. Pressure on the Square Foot. Mean of 24 hourly obs. | Robinson's. Horizontal Movement of the Air on each Day. | Robinson's. Departure from Average of 16 Years. | Rain collected in a Gauge whose receiving surface is 5 inches above the Ground. | Ozone. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DECEMBER. | | in. | ° | ° | ° | ° | ° | ° | ° | ° | ° | | ° | ° | ° | | | lbs. | lbs. | lbs. | Miles. | Miles. | in. | |
| SUNDAY - 25 | .. | 30·174 | 49·8 | 40·1 | 9·7 | 45·2 | + 6·9 | 38·9 | 6·3 | 10·3 | 2·4 | 78 | 71·4 | 37·5 | 45·98 | SSW. & S.W. | SW. | 2·0 | 0·0 | 0·1 | 276 | − 24 | 0·00 | 0·0 |
| MONDAY - 26 | Greatest Dec. N. Full | 29·909 | 50·2 | 41·9 | 8·3 | 47·8 | + 9·4 | 44·2 | 3·6 | 5·0 | 2·8 | 87 | 64·8 | 37·1 | 45·80 | SW. | SW. | 7·7 | 0·0 | 1·0 | 500 | +200 | 0·00 | 0·2 |
| TUESDAY - 27 | | 29·363 | 55·1 | 43·5 | 11·6 | 49·7 | +11·3 | 42·5 | 7·2 | 14·0 | 2·6 | 76 | 63·9 | 41·7 | 46·00 | SW. & SSW. | SSW., SW. & WSW. | 29·8 | 0·0 | 2·6 | 762 | +461 | 0·49 | 0·8 |
| WEDNESDAY 28 | .. | 29·457 | 44·6 | 36·1 | 8·5 | 40·1 | + 1·6 | 35·1 | 5·0 | 8·8 | 2·7 | 82 | 66·5 | 30·6 | 46·29 | SW. & WSW. | WSW. | 3·5 | 0·0 | 0·4 | 406 | +104 | 0·05 | 0·0 |
| THURSDAY - 29 | Apogee | 28·997 | 50·7 | 37·5 | 13·2 | 45·7 | + 7·1 | 43·5 | 2·2 | 4·5 | 1·7 | 92 | 56·0 | 32·0 | 46·38 | SW., SSW. & S. | SW. & WSW. | 8·8 | 0·0 | 0·6 | 394 | + 90 | 0·14 | 0·0 |
| FRIDAY - 30 | .. | 29·654 | 42·7 | 29·7 | 13·0 | 36·3 | − 2·3 | 29·6 | 6·7 | 8·7 | 1·3 | 77 | 57·7 | 22·3 | 46·22 | N. & NNW. | NNW., WSW &SW. | 11·0 | 0·0 | 0·8 | 370 | + 64 | 0·01 | 0·0 |
| SATURDAY - 31 | .. | 29·369 | 43·9 | 29·0 | 14·9 | 38·3 | − 0·3 | 36·2 | 2·1 | 6·5 | 0·4 | 93 | 43·9 | 21·2 | 46·08 | SW., S. & SSE. | S., SSW. & WSW. | 8·0 | 0·0 | 0·4 | 308 | − 1 | 0·12 | 0·0 |
| MEANS - | | 29·561 | 48·1 | 36·8 | 11·3 | 43·3 | + 4·8 | 38·6 | 4·7 | 8·3 | 2·0 | 84 | 60·6 | 31·8 | 46·11 | S.W. | | .. | .. | .. | Sum 3016 | Sum +894 | Sum 0·81 | 0·1 |
| No. of Column - | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

| DATE. DECEMBER. | Electricity. (For explanation of symbols, see Note.) | Registered Sunshine in hours. | Sun above Horizon, in hours. | GENERAL REMARKS. |
|---|---|---|---|---|
| SUNDAY - 25 | w. P. throughout - | 3·8 | 7·8 | Overcast in morning with slight fog between 9h. and 10h. A.M.; very fine afterwards. Lunar halo at night. |
| MONDAY - 26 | w. P. throughout - | 1·2 | 7·8 | Fine and partially cloudy in early morning; generally overcast afterwards. Brisk wind after 10h. A.M. Mild. |
| TUESDAY - 27 | w. P. till 2h. P.M.; v. N. and w. P. afterwards. | 0·0 | 7·8 | Overcast; continuous rain after 11h. 30m. A.M. A gale of wind till afternoon. Very mild. |
| WEDNESDAY 28 | w. P. generally - | 4·7 | 7·8 | Overcast in morning with continuous rain till 2h. A.M.; very fine afterwards. Lunar halo at night. |
| THURSDAY - 29 | w. P. generally; occasional w. N. | 0·0 | 7·8 | Fine till 5h. A.M.; overcast with frequent rain till afternoon; fine and partially cloudy afterwards. Brisk wind between 7h. A.M. and noon. |
| FRIDAY - 30 | w. P. and w. N. till 6h. A.M.; w. P. afterwards. | 4·3 | 7·8 | Cloudy in early morning with shower at 1h. A.M.; very fine with little cloud afterwards. Strong gusty wind in morning. Hoar frost and slight fog at night. |
| SATURDAY - 31 | w. P. till 9h. A.M.; v. N. and w. P. afterwards. | 0·0 | 7·9 | Very fine with hoar frost in early morning; partially cloudy till 8h. A.M.; overcast with frequent rain afterwards. |
| | | Sum 14·0 | Sum 54·7 | |
| No. of Col. - | 27 | 28 | 29 | |

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and − "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased from 30·27 in. at the beginning of the week to 29·30 in. by 2h. A.M. on the 28th; increased to 29·59 in. by 11h. P.M. on the same day; decreased to 28·91 in. by 5h. P.M. on the 29th; increased to 29·83 in. by 9h. P.M. on the 30th; and decreased to 29·15 in. by the end of the week.

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